

DATA 08/06/2011

COMPONENTE	PARTE	N° DESENHO	POS.	QTD.	MATERIAL	DIMENSÕES	C.R.	Nº CERTIFICADO
FORNALHA	TUBO	023.216A.046-R0	3	8	ASTM A-106 B	8" SCH40 250	2134/08	50344874
FORNALHA	TUBO	023.216A.046-R0	3	8	ASTM A-106 B	8" SCH40 250	1195/08	50340456
FORNALHA	CHAPA	023.224A.030-R0	5	1	ASTM A-516 º70	5/8" X 0,130m <sup>2</sup>	1130/09	259194
FORNALHA	CHAPA	023.233A.030-R0	5	1	ASTM A-516 º70	5/8" X 0,130m <sup>2</sup>	1130/09	259194
FORNALHA	CHAPA	023.222A.030-R0	5	1	ASTM A-516 º70	5/8" X 0,130m <sup>2</sup>	1130/09	259194
FORNALHA	CHAPA	023.221A.030-R0	5	1	ASTM A-516 º70	5/8" X 0,130m²	1130/09	259194
FORNALHA	CHAPA	023.078A.030-R2	4	1	ASTM A-516 º70	3/4" X 0,150m²	1483/08	248917
FORNALHA	CHAPA	023.078A.030-R2	5	1	ASTM A-516 º70	3/4" X 0,340m²	1483/08	248917
FORNALHA	CHAPA	023.124B.030-R1	9	1	ASTM A-516 º70	1/4" X 0,090m²	1001/10	1791709
FORNALHA	CHAPA	023.124A.030-R1	9	1	ASTM A-516 º70	1/4" X 0,090m²	1001/10	
FORNALHA	CHAPA	023.120A.030-R1	9	1	ASTM A-516 º70	1/4" X 0,180m²	1001/10	1791709
FORNALHA	CHAPA	023.119A.030-R1	9	1	ASTM A-516 º70	1/4" X 0,180m²	1001/10	1791709
FORNALHA	CHAPA	023.105A.030-R1	6	1	ASTM A-516 º70	1/4" X 0,070m²	1001/10	
FORNALHA	CHAPA	023.103A.030-R1	6	1	ASTM A-516 º70	1/4" X 0,070m²	1001/10	
FORNALHA	TUBO	DA4570.046.014-R0		5	ASTM A - 178	2.1/2" #4,50mm x 10326	1083/10	
FORNALHA	TUBO	DA4570.046.014-R0		5	ASTM A - 178	2.1/2" #4,50mm x 9531	1083/10	
FORNALHA	TUBO	DA4570.046.014-R0		5	ASTM A - 178	2.1/2" #4,50mm x 9674	1083/10	
	TUBO			5	ASTM A - 178	·		
FORNALHA		DA4570.046.014-R0				2.1/2" #4,50mm x 9818	1083/10	
FORNALHA	TUBO	DA4570.046.001-R0		5	ASTM A - 178	2.1/2" #4,50mm x 9961	1083/10	
FORNALHA	TUBO	DA4570.046.001-R0		6	ASTM A - 178	2.1/2" #4,50mm x 10812	1083/10	
FORNALHA	TUBO	DA4570.046.001-R0		6	ASTM A - 178	2.1/2" #4,50mm x 10726	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.001-R0		6	ASTM A - 178	2.1/2" #4,50mm x 10640	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.001-R0		2	ASTM A - 178	2.1/2" #4,50mm x 6382	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.001-R0		5	ASTM A - 178	2.1/2" #4,50mm x 11042	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.001-R0		6	ASTM A - 178	2.1/2" #4,50mm x 11976	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.001-R0		2	ASTM A - 178	2.1/2" #4,50mm x 11974	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.001-R0		2	ASTM A - 178	2.1/2" #4,50mm x 12000	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.001-R0		18	ASTM A - 178	2.1/2" #4,50mm x 12000	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.001-R0	4	12	ASTM A - 178	2.1/2" #4,50mm x 11360	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.001-R0	3	5	ASTM A - 178	2.1/2" #4,50mm x 11910	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.001-R0	2	20	ASTM A - 178	2.1/2" #4,50mm x 12000	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.001-R0	1	6	ASTM A - 178	2.1/2" #4,50mm x 12000	1083/10	15399/0072562
FORNALHA	TUBO	023.030A.046-R0	15	2	ASTM A - 178	2" #3,75mm x 3701	388/08	19462
FORNALHA	TUBO	023.030A.046-R0	3	44	ASTM A - 178	2" #3,75mm x 708	388/08	19462
FORNALHA	TUBO	023.030A.046-R0	3	44	ASTM A - 178	2" #3,75mm x 9200	388/08	19462
FORNALHA	TUBO	DA4570.046.028-R0	314	1	ASTM A - 178	2.1/2" #4,50mm x 888	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.028-R0	313	1	ASTM A - 178	2.1/2" #4,50mm x 902	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.028-R0	312	1	ASTM A - 178	2.1/2" #4,50mm x 917	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.028-R0	311	1	ASTM A - 178	2.1/2" #4,50mm x 931	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.028-R0	304	1	ASTM A - 178	2.1/2" #4,50mm x 702	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.028-R0	303	1	ASTM A - 178	2.1/2" #4,50mm x 716	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.028-R0	302	1	ASTM A - 178	2.1/2" #4,50mm x 730	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.028-R0	301	1	ASTM A - 178	2.1/2" #4,50mm x 745	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.028-R0		1	ASTM A - 178	2.1/2" #4,50mm x 874	1083/10	i e
FORNALHA	TUBO	DA4570.046.028-R0		1	ASTM A - 178	2.1/2" #4,50mm x 889	1083/10	
FORNALHA	TUBO	DA4570.046.028-R0		1	ASTM A - 178	2.1/2" #4,50mm x 903	1083/10	
FORNALHA	TUBO	DA4570.046.028-R0		1	ASTM A - 178	2.1/2" #4,50mm x 917	1083/10	i e
FORNALHA	TUBO	DA4570.046.028-R0		1	ASTM A - 178	2.1/2" #4,50mm x 932	1083/10	
FORNALHA	TUBO	DA4570.046.028-R0		1	ASTM A - 178	2.1/2" #4,50mm x 865	1083/10	
FORNALHA	TUBO	DA4570.046.028-R0		1	ASTM A - 178	2.1/2" #4,50mm x 880	1083/10	
FORNALHA	TUBO	DA4570.046.028-R0		1	ASTM A - 178	2.1/2" #4,50mm x 688	1083/10	
FORNALHA	TUBO	DA4570.046.028-R0		1	ASTM A - 178	2.1/2" #4,50mm x 702	1083/10	
	TUBO			1		2.1/2" #4,50mm x 717	1083/10	i e
FORNALHA		DA4570.046.028-R0		1	ASTM A 178			
FORNALHA	TUBO	DA4570.046.028-R0			ASTM A - 178	2.1/2" #4,50mm x 731	1083/10	i e
FORNALHA	TUBO	DA4570.046.028-R0		1	ASTM A 178	2.1/2" #4,50mm x 745	1083/10	
FORNALHA	TUBO	DA4570.046.023-R0		1	ASTM A - 178	2.1/2" #4,50mm x 700	1083/10	
FORNALHA	TUBO	DA4570.046.023-R0		2	ASTM A - 178	2.1/2" #4,50mm x 700	1083/10	
FORNALHA	TUBO	DA4570.046.023-R0		2	ASTM A - 178	2.1/2" #4,50mm x 700	1083/10	
FORNALHA	TUBO	DA4570.046.023-R0		4	ASTM A - 178	2.1/2" #4,50mm x 700	1083/10	
FORNALHA	TUBO	DA4570.046.023-R0		1	ASTM A - 178	2.1/2" #4,50mm x 2916	1083/10	i e
FORNALHA	TUBO	023.059A.046-R0	3	2	ASTM A - 178	2.1/2" #4,50mm x 1538	1083/10	
FORNALHA	TUBO	023.059A.046-R0	2	2	ASTM A - 178	2.1/2" #4,50mm x 1380	1083/10	15399/0072562
FORNALHA	TUBO	023.059A.046-R0	1	2	ASTM A - 178	2.1/2" #4,50mm x 1317	1083/10	15399/0072562
FORNALHA	TUBO	023.057A.046-R0	1	6	ASTM A - 178	2.1/2" #4,50mm x 1316	1083/10	15399/0072562
FORNALHA	TUBO	023.058A.046-R0	7	2	ASTM A - 178	2.1/2" #4,50mm x 1807	1083/10	15399/0072562
FORNALHA	TUBO	023.058A.046-R0	6	2	ASTM A - 178	2.1/2" #4,50mm x 1972	1083/10	15399/0072562
							1	
FORNALHA	TUBO	023.058A.046-R0	5	2	ASTM A - 178	2.1/2" #4,50mm x 1784	1083/10	15399/0072562



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COMPONENTE	PARTE	N° DESENHO	POS.	QTD.	MATERIAL	DIMENSÕES	C.R.	Nº CERTIFICADO
FORNALHA	TUBO	023.058A.046-R0	3	2	ASTM A - 178	2.1/2" #4,50mm x 1780	1083/10	15399/0072562
FORNALHA	TUBO	023.058A.046-R0	2	2	ASTM A - 178	2.1/2" #4,50mm x 1719	1083/10	15399/0072562
FORNALHA	TUBO	023.058A.046-R0	1	2	ASTM A - 178	2.1/2" #4,50mm x 1707	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.041-R0	48	2	ASTM A - 178	2.1/2" #4,50mm x 2779	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.041-R0	47	2	ASTM A - 178	2.1/2" #4,50mm x 2156	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.041-R0	46	2	ASTM A - 178	2.1/2" #4,50mm x 2367	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.041-R0	45	2	ASTM A - 178	2.1/2" #4,50mm x 2134	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.041-R0	44	2	ASTM A - 178	2.1/2" #4,50mm x 2550	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.041-R0	43	2	ASTM A - 178	2.1/2" #4,50mm x 2130	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.041-R0	42	2	ASTM A - 178	2.1/2" #4,50mm x 2068	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.041-R0	41	2	ASTM A - 178	2.1/2" #4,50mm x 2057	1083/10	15399/0072562
FORNALHA	TUBO	023.051A.046-R0	1	16	ASTM A - 178	2.1/2" #4,50mm x 1031	1083/10	15399/0072562
FORNALHA	TUBO	023.050A.046-R0	4	20	ASTM A - 178	2.1/2" #4,50mm x 1971	1083/10	15399/0072562
FORNALHA	TUBO	023.050A.046-R0	3	20	ASTM A - 178	2.1/2" #4,50mm x 1710	1083/10	15399/0072562
FORNALHA	TUBO	023.050A.046-R0	2	20	ASTM A - 178	2.1/2" #4,50mm x 1551	1083/10	15399/0072562
FORNALHA	TUBO	023.050A.046-R0	1	20	ASTM A - 178	2.1/2" #4,50mm x 1485	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.107-R0	107	3	ASTM A - 178	2.1/2" #4,50mm x 700	1083/10	15399/0072562
FORNALHA	TUBO	023.036A.046-R0	11	2	ASTM A - 178	2.1/2" #4,50mm x 8200	1080/10	15399/0027572
FORNALHA	TUBO	023.036A.046-R0	7	4	ASTM A - 178	2.1/2" #4,50mm x 1172	1080/10	15399/0027572
FORNALHA	TUBO	023.036A.046-R0	5	4	ASTM A - 178	2.1/2" #4,50mm x 1096	1080/10	15399/0027572
FORNALHA	TUBO	DA4570.046.099-R0	104	15	ASTM A - 178	2.1/2" #4,50mm x 8669	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.099-R0	103	60	ASTM A - 178	2.1/2" #4,50mm x 8669	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.099-R0	102	12	ASTM A - 178	2.1/2" #4,50mm x 8669	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.099-R0	101	25	ASTM A - 178	2.1/2" #4,50mm x 12000	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.099-R0	100	48	ASTM A - 178	2.1/2" #4,50mm x 11360	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.099-R0	99	12	ASTM A - 178	2.1/2" #4,50mm x 12000	1083/10	15399/0072562
FORNALHA	TUBO	023.037A.046-R0	3	1	ASTM A-106 B	6" SCH80 900	724/10	50421561
FORNALHA	TUBO	023.037A.046-R0	1	1	ASTM A-106 B	8" SCH160 2975	226/08	5018724
FORNALHA	TUBO	023.037A.046-R0	1	1	ASTM A-106 B	8" SCH160 2960	226/08	5018724
FORNALHA	TUBO	023.037A.046-R0	1	1	ASTM A-106 B	8" SCH160 2975	535/08	50187524
FORNALHA	TUBO	023.051C.046-R0	2	18	ASTM A - 178	2.1/2" #4,50mm x 650	331/08	77662
FORNALHA	TUBO	023.051C.046-R0	1	18	ASTM A - 178	2.1/2" #4,50mm x 650	331/08	77662
FORNALHA	TUBO	DA4570.046.115-R0		30	ASTM A - 178	2.1/2" #4.50mm x 3590	330/08	77660
FORNALHA	TUBO	DA4570.046.115-R0		27	ASTM A - 178	2.1/2" #4.50mm x 3644	330/08	77660
FORNALHA	TUBO	DA4570.046.115-R0		15	ASTM A - 178	2.1/2" #4.50mm x 12000	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.115-R0		60	ASTM A - 178	2.1/2" #4.50mm x 12000	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.115-R0		12	ASTM A - 178	2.1/2" #4.50mm x 12000	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.115-R0		1	ASTM A - 178	2.1/2" #4.50mm x 3590	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.115-R0		1	ASTM A - 178	2.1/2" #4.50mm x 3644	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.115-R0		1	ASTM A - 178	2.1/2" #4.50mm x 3745	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.127-R0		83	ASTM A - 178	2.1/2" #4.50mm x 255	1083/10	
FORNALHA	TUBO	DA4570.046.127-R0		1	ASTM A - 178	2.1/2" #4.50mm x 700	1083/10	
FORNALHA	TUBO	DA4570.046.118-R0		4	ASTM A 178	2.1/2" #4.50mm x 700	1083/10	
FORNALHA	TUBO	DA4570.046.115-R0 023.051B.046-R0			ASTM A - 178 ASTM A - 178	2.1/2" #4,50mm x 3745	331/08	
FORNALHA FORNALHA	TUBO		2	16		2.1/2" #4,50mm x 650	331/08	77662
FORNALHA	TUBO	023.051B.046-R0	1	16	ASTM A 178	2.1/2" #4,50mm x 650	331/08	77662
FORNALHA FORNALHA	TUBO TUBO	023.051D.046-R0 023.034B.046-R0	1	16 82	ASTM A - 178 ASTM A - 178	2.1/2" #4.50mm x 895 2.1/2" #4,50mm x 530	330/08 1081/10	77660 15399/0027571
FORNALHA	TUBO	SNF 553 2010	1	19	ASTM A - 178	2.1/2" #4,50mm x 1490	1083/10	
FORNALHA	TUBO	SNF 553 2010	1	17	ASTM A - 178	2.1/2" #4.50mm x 1490	1083/10	
FORNALHA	TUBO	023.050B.046-R0	3	4	ASTM A - 178	2.1/2" #4,50mm x 1576	1083/10	15399/0072562
FORNALHA	TUBO	023.050B.046-R0	2	4	ASTM A - 178	2.1/2" #4,50mm x 1403	1083/10	
FORNALHA	TUBO	023.050B.046-R0	1	4	ASTM A - 178	2.1/2" #4,50mm x 1328	1083/10	
FORNALHA	TUBO	023.051A.046-R0	1	16	ASTM A - 178	2.1/2" #4,50mm x 1031	1083/10	
FORNALHA	TUBO	DA4570.046.098-R0		8	ASTM A - 178	2.1/2" #4,50mm x 700	1083/10	
FORNALHA	TUBO	DA4570.046.087-R0		2	ASTM A - 178	2.1/2" #4,50mm x 10126	1080/10	
FORNALHA	TUBO	DA4570.046.087-R0		48	ASTM A - 178	2.1/2" #4,50mm x 10126	1080/10	
FORNALHA	TUBO	DA4570.046.087-R0		25	ASTM A - 178	2.1/2" #4,50mm x 10126	1080/10	
FORNALHA	TUBO	DA4570.046.087-R0		12	ASTM A - 178	2.1/2" #4,50mm x 10126	1080/10	
FORNALHA	TUBO	DA4570.046.087-R0		2	ASTM A - 178	2.1/2" #4,50mm x 12000	1080/10	
FORNALHA	TUBO	DA4570.046.087-R0		48	ASTM A - 178	2.1/2" #4,50mm x 11360	1080/10	
FORNALHA	TUBO	DA4570.046.087-R0		25	ASTM A - 178	2.1/2" #4,50mm x 12000	1080/10	
FORNALHA	TUBO	DA4570.046.087-R0		12	ASTM A - 178	2.1/2" #4,50mm x 12000	1080/10	
FORNALHA	TUBO	023.035A.046-R0	10	1	ASTM A-106 B	6" SCH160 4422	1047/10	50412964
FORNALHA	TUBO	023.035A.046-R0	2	1	ASTM A-106 B	6" SCH80 900	724/10	50421561
FORNALHA	TUBO	023.035A.046-R0	8	1	ASTM A-100 B	4" SCH80 900	1942/08	
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FORNALHA	TUBO	023.035A.046-R0	6	1	ASTM A-106 B	8" SCH160 2362	225/08	50187524



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FORNALIA    TUBO  020.006A.06F00  0. 1 ARM A-100 B	COMPONENTE	PARTE	N° DESENHO	POS.	QTD.	MATERIAL	DIMENSÕES	C.R.	Nº CERTIFICADO
FORNALIAN   TUBO	FORNALHA	TUBO	023.035A.046-R0	6	1	ASTM A-106 B	8" SCH160 1939	535/08	50187524
FORNALHA   TUBO	FORNALHA	TUBO	023.035A.046-R0	6	1	ASTM A-106 B	8" SCH160 2260	225/08	50187524
FORNALIAN   TUBO	FORNALHA	TUBO	023.035A.046-R0	1	1	ASTM A-106 B	8" SCH160 2362	535/08	50187524
FORNALIA	FORNALHA	TUBO	023.035A.046-R0	1	1	ASTM A-106 B	8" SCH160 2347	535/08	50187524
FORNALIA  TUBO   022.095A.04F0   13   2 ASTM A-108 B   07 SCH160.9372   22500   2250	FORNALHA	TUBO	023.035A.046-R0	1	1	ASTM A-106 B	8" SCH160 1939	535/08	50187524
FORNALIAN   TUBD   022.035A.046-FR   11 2   ASTM A-108 B   0" SCH160 921   197710   50119   FORNALIAN   TUBD   022.035A.046-FR   0 1   ASTM A-108 B   0" SCH160 1501   102710   50119   FORNALIAN   TUBD   0.425.00.046-FR   0 21   ASTM A-108 B   0" SCH160 1501   102710   50119   102710   102710   50119   102710   50119   102710   50119   102710   50119   102710   50119   102710   50119   102710   50119   102710   102710   50119   102710   50119   102710   50119   102710   50119   102710   50119   102710   50119   102710   50119   102710   102710   50119   102710   50119   102710   50119   102710   50119   102710   50119   102710   50119   102710   50119   102710   102710   50119   102710   50119   102710   50119   102710   50119	FORNALHA	TUBO	023.035A.046-R0	1	1	ASTM A-106 B	8" SCH160 2260	535/08	50187524
FORNALHA   TUBO   023039A046F0   10   1 ASTM A-106 B   0* SCH160-14622   1047/10   50119   104570	FORNALHA	TUBO	023.035A.046-R0	13	2	ASTM A-106 B	8" SCH160 3972	225/08	50187524
FORNALIA   TUBO   DA590-046-70   D.   A STM A-178   2.12° #550mm x 278   33.08   7766   756	FORNALHA	TUBO	023.035A.046-R0	11	2	ASTM A-106 B	6" SCH160 931	1047/10	50412964
FORNALHA   TURD	FORNALHA				1		6" SCH160 4422		50412964
FORNALHA   TUBO   DAST/0046071-R0   724   1   ASTM A - 178   2.112" #150mm x 898   331.08   7766   FORNALHA   TUBO   DAST/0046071-R0   722   1   ASTM A - 178   2.112" #150mm x 897   331.08   7766   FORNALHA   TUBO   DAST/0046071-R0   722   1   ASTM A - 178   2.112" #150mm x 897   331.08   7766   FORNALHA   TUBO   DAST/0046071-R0   721   1   ASTM A - 178   2.112" #150mm x 897   331.08   7766   FORNALHA   TUBO   DAST/0046071-R0   721   1   ASTM A - 178   2.112" #150mm x 898   331.08   7766   FORNALHA   TUBO   DAST/0046071-R0   721   1   ASTM A - 178   2.112" #150mm x 898   331.08   7766   FORNALHA   TUBO   DAST/0046071-R0   721   1   ASTM A - 178   2.112" #150mm x 898   331.08   7766   FORNALHA   TUBO   DAST/0046071-R0   721   1   ASTM A - 178   2.112" #150mm x 898   331.08   7766   FORNALHA   TUBO   DAST/0046080-R0   721   1   ASTM A - 178   2.112" #150mm x 791   30000   7766   FORNALHA   TUBO   DAST/0046080-R0   721   1   ASTM A - 178   2.112" #150mm x 791   30000   7766   FORNALHA   TUBO   DAST/0046080-R0   721   1   ASTM A - 178   2.112" #150mm x 791   30000   7766   FORNALHA   TUBO   DAST/0046080-R0   721   1   ASTM A - 178   2.112" #150mm x 791   30000   7766   FORNALHA   TUBO   DAST/0046080-R0   721   1   ASTM A - 178   2.112" #150mm x 791   30000   7766   FORNALHA   TUBO   DAST/0046080-R0   721   1   ASTM A - 178   2.112" #150mm x 791   30000   7766   FORNALHA   TUBO   DAST/0046080-R0   721   1   ASTM A - 178   2.112" #150mm x 791   30000   7766   FORNALHA   TUBO   DAST/0046080-R0   721   1   ASTM A - 178   2.112" #150mm x 791   30000   7766   FORNALHA   TUBO   DAST/0046080-R0   721   1   ASTM A - 178   2.112" #150mm x 791   30000   7766   FORNALHA   TUBO   DAST/0046080-R0   721   ASTM A - 178   2.112" #150mm x 791   30000   7766   FORNALHA   TUBO   DAST/0046080-R0   721   ASTM A - 178   2.112" #150mm x 791   30000   7766   FORNALHA   TUBO   DAST/0046080-R0   721   ASTM A - 178   2.112" #150mm x 791   30000   7766   FORNALHA   TUBO   DAST/0046080-R0   721   ASTM A - 178   2.112" #150mm x 791   30000   7									50412964
FORNALPA   TUBO									77662
FORNALIA   TUBO   DA5970.06.071-RD   722   1   ASTM A - 179   2.112** #5.50mm x 937   33.100   7705*									
FORNALHA									
FORNALHA   TUBO   DA4570.046.071-R0 71   ASTM A 178   2.12° 4.55mm x 865   331.08   7706.									
FORNALHA   TUBO   DA4570.046.071.RQ 71   0   1   ASTM A 178   2 1/2" 44.50mm x80   331.08   7766   FORNALHA   TUBO   DA4570.046.069.RQ 714   1   ASTM A 178   2 1/2" 44.50mm x80   330.08   7766   7767   7									
FORNALHA   TUBO   DA4570.046.08-R0 714   A SSTM A - 178   2.1/2" 45.50mm x 688   30.008   7766   FORNALHA   TUBO   DA4570.046.08-R0 714   A SSTM A - 178   2.1/2" 45.50mm x 717   300.08   7766   FORNALHA   TUBO   DA4570.046.08-R0 712   1 ASTM A - 178   2.1/2" 45.50mm x 717   300.08   7766   FORNALHA   TUBO   DA4570.046.08-R0 711   A STM A - 178   2.1/2" 45.50mm x 717   300.08   7766   FORNALHA   TUBO   DA4570.046.08-R0 71   1 ASTM A - 178   2.1/2" 45.50mm x 725   300.08   7766   FORNALHA   TUBO   DA4570.046.08-R0 70   1 ASTM A - 178   2.1/2" 45.50mm x 924   300.08   7766   FORNALHA   TUBO   DA4570.046.08-R0 70   1 ASTM A - 178   2.1/2" 45.50mm x 924   300.08   7766   FORNALHA   TUBO   DA4570.046.08-R0 70   1 ASTM A - 178   2.1/2" 45.50mm x 902   300.08   7766   FORNALHA   TUBO   DA4570.046.08-R0 70   1 ASTM A - 178   2.1/2" 45.50mm x 902   300.08   7766   FORNALHA   TUBO   DA4570.046.08-R0 70   1 ASTM A - 178   2.1/2" 45.50mm x 902   300.08   7766   FORNALHA   TUBO   DA4570.046.08-R0 70   1 ASTM A - 178   2.1/2" 45.50mm x 902   300.08   7766   FORNALHA   TUBO   DA4570.046.08-R0 70   1 ASTM A - 178   2.1/2" 45.50mm x 901   300.08   7766   FORNALHA   TUBO   DA4570.046.08-R0 70   1 ASTM A - 178   2.1/2" 45.50mm x 91   300.08   7766   FORNALHA   TUBO   DA4570.046.08-R0 60   1 ASTM A - 178   2.1/2" 45.50mm x 716   300.08   7766   FORNALHA   TUBO   DA4570.046.08-R0 60   1 ASTM A - 178   2.1/2" 45.50mm x 716   300.08   7766   FORNALHA   TUBO   DA4570.046.08-R0 60   1 ASTM A - 178   2.1/2" 45.50mm x 716   300.08   7766   FORNALHA   TUBO   DA4570.046.08-R0 60   1 ASTM A - 178   2.1/2" 45.50mm x 716   300.08   7766   FORNALHA   TUBO   DA4570.046.08-R0 60   1 ASTM A - 178   2.1/2" 45.50mm x 716   300.08   7766   FORNALHA   TUBO   DA4570.046.08-R0 60   1 ASTM A - 178   2.1/2" 45.50mm x 716   300.08   7766   FORNALHA   TUBO   DA4570.046.08-R0 60   1 ASTM A - 178   2.1/2" 45.50mm x 716   300.08   7766   FORNALHA   TUBO   DA4570.046.08-R0 60   1 ASTM A - 178   2.1/2" 45.50mm x 716   300.08   7766   FORNALHA   TUBO   DA4570.0									
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FORNALHA TUBO DA4570.046.098.P0 712 1. ASTM A - 178 2.12" 44.50mm x 731 330.08 7766 FORNALHA TUBO DA4570.046.098.P0 715 1. ASTM A - 178 2.12" 44.50mm x 744 330.08 7766 FORNALHA TUBO DA4570.046.098.P0 704 1. ASTM A - 178 2.12" 44.50mm x 744 330.08 7766 FORNALHA TUBO DA4570.046.098.P0 705 1. ASTM A - 178 2.12" 44.50mm x 744 330.08 7766 FORNALHA TUBO DA4570.046.098.P0 704 1. ASTM A - 178 2.12" 44.50mm x 902 330.08 7766 FORNALHA TUBO DA4570.046.098.P0 702 1. ASTM A - 178 2.12" 44.50mm x 902 330.08 7766 FORNALHA TUBO DA4570.046.098.P0 702 1. ASTM A - 178 2.12" 44.50mm x 912 330.08 7766 FORNALHA TUBO DA4570.046.098.P0 702 1. ASTM A - 178 2.12" 45.50mm x 912 330.08 7766 FORNALHA TUBO DA4570.046.098.P0 604 1. ASTM A - 178 2.12" 45.50mm x 917 330.08 7766 FORNALHA TUBO DA4570.046.098.P0 604 1. ASTM A - 178 2.12" 45.50mm x 917 330.08 7766 FORNALHA TUBO DA4570.046.098.P0 604 1. ASTM A - 178 2.12" 45.50mm x 917 330.08 7766 FORNALHA TUBO DA4570.046.098.P0 605 11 ASTM A - 178 2.12" 45.50mm x 702 330.08 7766 FORNALHA TUBO DA4570.046.098.P0 605 11 ASTM A - 178 2.12" 45.50mm x 702 330.08 7766 FORNALHA TUBO DA4570.046.098.P0 605 11 ASTM A - 178 2.12" 45.50mm x 702 330.08 7766 FORNALHA TUBO DA4570.046.098.P0 605 11 ASTM A - 178 2.12" 45.50mm x 702 330.08 7766 FORNALHA TUBO DA4570.046.098.P0 70 71 ASTM A - 178 2.12" 45.50mm x 702 130.008 7766 FORNALHA TUBO DA4570.046.098.P0 77 71 ASTM A - 178 2.12" 45.50mm x 702 740.08 2141 FORNALHA TUBO DA4570.046.098.P0 77 71 ASTM A - 178 2.12" 45.50mm x 700 108310 15000000 FORNALHA TUBO DA4570.046.078.P0 77 14 ASTM A - 178 2.12" 45.50mm x 700 108310 15000000 FORNALHA TUBO DA4570.046.078.P0 77 14 ASTM A - 178 2.12" 45.50mm x 700 108310 15000000 FORNALHA TUBO DA4570.046.078.P0 77 14 ASTM A - 178 2.12" 45.50mm x 700 108310 15000000 FORNALHA TUBO DA4570.046.078.P0 77 14 ASTM A - 178 2.12" 45.50mm x 700 108310 15000000 FORNALHA TUBO DA4570.046.078.P0 71 14 ASTM A - 178 2.12" 45.50mm x 700 108310 15000000 FORNALHA TUBO DA4570.046.078.P0 71 14 ASTM A - 178 2.12" 45.50mm x 700 108310 15000000 FORNALHA T									
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FORNALHA TUBO DA4570.046.08-R0 703 TASTM A - 178 L2 12" #4.50mm x 902 TYBO FORNALHA TUBO DA4570.046.08-R0 701 TYBO FORNALHA TUBO DA4570.046.08-R0 608-R0 694 TYBO FORNALHA TUBO DA4570.046.08-R0 608 TYBO FORNALHA TUBO DA4570.046.08-R0 608 TYBO FORNALHA TUBO DA4570.046.08-R0 608 TYBO FORNALHA TUBO DA4570.046.08-R0 708 TYBO TYBO FORNALHA TUBO DA4570.046.08-R0 708 TYBO TYBO TYBO TYBO TYBO TYBO TYBO TYBO									
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FORNALHA  TUBO  DA4570.046.073-R0  TUBO  DA4570.046.073-R0  FORNALHA  TUBO  DA4570.046.073-R0  FORNALHA  TUBO  DA305RA.046-R0  TUBO  DA4570.046.062-R0  TUBO  DA4570.046.062-R0  TUBO  DA4570.046.062-R0  TUBO  DA4570.046.042-R0				3	44				21143
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FORNALHA TUBO DA4570.046.049-R0 61 6 6 ASTM A - 178 2.1/2" #4,50mm x 9074 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 60 5 ASTM A - 178 2.1/2" #4,50mm x 11562 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 59 6 ASTM A - 178 2.1/2" #4,50mm x 11057 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 59 6 ASTM A - 178 2.1/2" #4,50mm x 11057 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 57 6 ASTM A - 178 2.1/2" #4,50mm x 11938 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 57 6 ASTM A - 178 2.1/2" #4,50mm x 11938 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 55 6 ASTM A - 178 2.1/2" #4,50mm x 11938 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 55 6 ASTM A - 178 2.1/2" #4,50mm x 11969 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 55 ASTM A - 178 2.1/2" #4,50mm x 11974 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 50 ASTM A - 178 2.1/2" #4,50mm x 12000 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 50 ASTM A - 178 2.1/2" #4,50mm x 12000 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 50 ASTM A - 178 2.1/2" #4,50mm x 12000 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 50 ASTM A - 178 2.1/2" #4,50mm x 12000 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 50 ASTM A - 178 2.1/2" #4,50mm x 12000 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 50 ASTM A - 178 2.1/2" #4,50mm x 12000 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 51 5 ASTM A - 178 2.1/2" #4,50mm x 12000 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 50 ASTM A - 178 2.1/2" #4,50mm x 12000 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 51 51 ASTM A - 178 2.1/2" #4,50mm x 12000 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 51 51 51 ASTM A - 178 51.1/2" #4,50mm x 12000 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 50 ASTM A - 178 51.1/2" #4,50mm x 12000 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 50 ASTM A - 178 51.1/2" #4,50mm x 12000 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 50 ASTM A - 178 51.1/2" #4,50mm x 12000 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 50 ASTM A - 178 51.1/2"									
FORNALHA TUBO DA4570.046.049-R0 FORNALHA TUBO DA4570.046.049-R									
FORNALHA  TUBO  DA4570.046.049-R0  59  6  ASTM A - 178  2.1/2" #4,50mm x 11057  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  58  6  ASTM A - 178  2.1/2" #4,50mm x 11057  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  57  6  ASTM A - 178  2.1/2" #4,50mm x 11938  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  57  6  ASTM A - 178  2.1/2" #4,50mm x 11938  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  55  6  ASTM A - 178  2.1/2" #4,50mm x 11938  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  55  6  ASTM A - 178  2.1/2" #4,50mm x 11969  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  53  2  ASTM A - 178  2.1/2" #4,50mm x 11974  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  53  2  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  52  30  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  51  5  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  50  20  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  50  20  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  50  20  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  50  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  50  20  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  50  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  50  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  50  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  50  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  1080/10  1080/10  1080/10  1080/10  1080/10  1080/10  1080/10  1080/10  1080/10  1080/10  1080/10  1080/10  1080/10  1080/10  1080/10  1080/10  1080/10  1080/10  1080/									
FORNALHA  TUBO  DA4570.046.049-R0  58  6  ASTM A - 178  2.1/2" #4,50mm x 11602  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  57  6  ASTM A - 178  2.1/2" #4,50mm x 11938  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  56  6  ASTM A - 178  2.1/2" #4,50mm x 11938  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  55  6  ASTM A - 178  2.1/2" #4,50mm x 11938  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  55  6  ASTM A - 178  2.1/2" #4,50mm x 11969  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  53  2  ASTM A - 178  2.1/2" #4,50mm x 11974  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  53  2  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  52  30  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  51  5  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  50  20  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  50  20  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  50  20  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  50  20  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  50  20  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  50  20  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  50  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  50  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  1080/							,		
FORNALHA TUBO DA4570.046.049-R0 57 6 ASTM A - 178 2.1/2" #4,50mm x 11938 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 56 6 ASTM A - 178 2.1/2" #4,50mm x 11938 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 55 6 ASTM A - 178 2.1/2" #4,50mm x 11969 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 55 6 ASTM A - 178 2.1/2" #4,50mm x 11969 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 53 2 ASTM A - 178 2.1/2" #4,50mm x 12000 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 53 2 ASTM A - 178 2.1/2" #4,50mm x 12000 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 52 30 ASTM A - 178 2.1/2" #4,50mm x 12000 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 51 5 ASTM A - 178 2.1/2" #4,50mm x 12000 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 50 20 ASTM A - 178 2.1/2" #4,50mm x 12000 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 50 20 ASTM A - 178 2.1/2" #4,50mm x 12000 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 50 20 ASTM A - 178 2.1/2" #4,50mm x 12000 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 50 20 ASTM A - 178 2.1/2" #4,50mm x 12000 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 50 20 ASTM A - 178 2.1/2" #4,50mm x 12000 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 50 20 ASTM A - 178 2.1/2" #4,50mm x 12000 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 50 20 ASTM A - 178 2.1/2" #4,50mm x 12000 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 50 ASTM A - 178 50 C1/2" #4,50mm x 12000 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 50 ASTM A - 178 50 C1/2" #4,50mm x 12000 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 50 ASTM A - 178 50 C1/2" #4,50mm x 12000 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 50 ASTM A - 178 50 C1/2" #4,50mm x 12000 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 51 ASTM A - 178 50 C1/2" #4,50mm x 12000 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 51 ASTM A - 178 50 C1/2" #4,50mm x 12000 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 50 ASTM A - 178 50 C1/2" #4,50mm x 12000 1080/10 15399/002 FORNALHA TUBO DA4570.046.049-R0 50 A									
FORNALHA  TUBO  DA4570.046.049-R0  56  6  ASTM A - 178  2.1/2" #4,50mm x 11938  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  55  6  ASTM A - 178  2.1/2" #4,50mm x 11969  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  54  2  ASTM A - 178  2.1/2" #4,50mm x 11969  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  53  2  ASTM A - 178  2.1/2" #4,50mm x 11974  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  52  30  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  52  30  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  51  5  ASTM A - 178  2.1/2" #4,50mm x 11909  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  50  20  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  50  20  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  50  20  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  50  20  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  50  20  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  50  20  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  10									i e
FORNALHA  TUBO  DA4570.046.049-R0  55  6  ASTM A - 178  2.1/2" #4,50mm x 11969  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  54  2  ASTM A - 178  2.1/2" #4,50mm x 11974  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  53  2  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  52  30  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  51  5  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  51  5  ASTM A - 178  2.1/2" #4,50mm x 11909  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  50  20  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  50  20  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  49  6  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  49  6  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10  15399/002  FORNALHA  TUBO  DA4570.046.049-R0  49  6  ASTM A - 178  2.1/2" #4,50mm x 12000  1080/10									i e
FORNALHA         TUBO         DA4570.046.049-R0         54         2         ASTM A - 178         2.1/2" #4,50mm x 11974         1080/10         15999002           FORNALHA         TUBO         DA4570.046.049-R0         53         2         ASTM A - 178         2.1/2" #4,50mm x 12000         1080/10         15999002           FORNALHA         TUBO         DA4570.046.049-R0         52         30         ASTM A - 178         2.1/2" #4,50mm x 12000         1080/10         15999002           FORNALHA         TUBO         DA4570.046.049-R0         51         5         ASTM A - 178         2.1/2" #4,50mm x 11909         1080/10         15399/002           FORNALHA         TUBO         DA4570.046.049-R0         50         20         ASTM A - 178         2.1/2" #4,50mm x 11909         1080/10         15399/002           FORNALHA         TUBO         DA4570.046.049-R0         50         20         ASTM A - 178         2.1/2" #4,50mm x 12000         1080/10         15399/002           FORNALHA         TUBO         DA4570.046.049-R0         49         6         ASTM A - 178         2.1/2" #4,50mm x 12000         1080/10         15399/002           FORNALHA         BARRA REDONDA TREFILADA         023.226A.046-R0         2         197         VIDE CERTIF.         Ø 30 X 310 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
FORNALHA         TUBO         DA4570.046.049-R0         53         2         ASTM A - 178         2.1/2" #4,50mm x 12000         1080/10         15399/002           FORNALHA         TUBO         DA4570.046.049-R0         52         30         ASTM A - 178         2.1/2" #4,50mm x 12000         1080/10         15399/002           FORNALHA         TUBO         DA4570.046.049-R0         51         5         ASTM A - 178         2.1/2" #4,50mm x 11909         1080/10         15399/002           FORNALHA         TUBO         DA4570.046.049-R0         50         20         ASTM A - 178         2.1/2" #4,50mm x 12000         1080/10         15399/002           FORNALHA         TUBO         DA4570.046.049-R0         49         6         ASTM A - 178         2.1/2" #4,50mm x 12000         1080/10         15399/002           FORNALHA         TUBO         DA4570.046.049-R0         49         6         ASTM A - 178         2.1/2" #4,50mm x 12000         1080/10         15399/002           FORNALHA         BARRA REDONDA TREFILADA         023.226A.046-R0         2         197         VIDE CERTIF.         Ø 30 X 310         1582/10         39948           FORNALHA         TUBO         023.070A.046-R1         1         1         ASTM A - 106 B         14" SCH80 1200									
FORNALHA         TUBO         DA4570.046.049-R0         52         30         ASTM A - 178         2.1/2" #4,50mm x 12000         1080/10         15399/002           FORNALHA         TUBO         DA4570.046.049-R0         51         5         ASTM A - 178         2.1/2" #4,50mm x 11909         1080/10         15399/002           FORNALHA         TUBO         DA4570.046.049-R0         50         20         ASTM A - 178         2.1/2" #4,50mm x 12000         1080/10         15399/002           FORNALHA         TUBO         DA4570.046.049-R0         49         6         ASTM A - 178         2.1/2" #4,50mm x 12000         1080/10         15399/002           FORNALHA         BARRA REDONDA TREFILADA         023.226A.046-R0         2         197         VIDE CERTIF.         Ø 30 X 310         1582/10         39948           FORNALHA         TUBO         023.070A.046-R1         1         1         ASTM A -106 B         14" SCH80 1200         1033/10         504045           FORNALHA         TUBO         023.070A.046-R1         4         1         ASTM A -106 B         1" SCH80 200         432/10         502491           FORNALHA         TUBO         023.070A.046-R1         7         1         ASTM A -106 B         10" SCH160 900         006/08         5									
FORNALHA         TUBO         DA4570.046.049-R0         51         5         ASTM A - 178         2.1/2" #4,50mm x 11909         1080/10         15399/002           FORNALHA         TUBO         DA4570.046.049-R0         50         20         ASTM A - 178         2.1/2" #4,50mm x 12000         1080/10         15399/002           FORNALHA         TUBO         DA4570.046.049-R0         49         6         ASTM A - 178         2.1/2" #4,50mm x 12000         1080/10         15399/002           FORNALHA         BARRA REDONDA TREFILADA         023.226A.046-R0         2         197         VIDE CERTIF.         Ø 30 X 310         1582/10         39948           FORNALHA         TUBO         023.070A.046-R1         1         1         ASTM A - 106 B         14" SCH80 1200         1033/10         504045           FORNALHA         TUBO         023.070A.046-R1         4         1         ASTM A - 106 B         1" SCH80 200         432/10         502491           FORNALHA         TUBO         023.070A.046-R1         7         1         ASTM A - 106 B         10" SCH160 900         006/08         503048									
FORNALHA         TUBO         DA4570.046.049-R0         50         20         ASTM A - 178         2.1/2" #4,50mm x 12000         1080/10         15399/002           FORNALHA         TUBO         DA4570.046.049-R0         49         6         ASTM A - 178         2.1/2" #4,50mm x 12000         1080/10         15399/002           FORNALHA         BARRA REDONDA TREFILADA         023.226A.046-R0         2         197         VIDE CERTIF.         Ø 30 X 310         1582/10         39948           FORNALHA         TUBO         023.070A.046-R1         1         1         ASTM A -106 B         14" SCH80 1200         1033/10         504045           FORNALHA         TUBO         023.070A.046-R1         4         1         ASTM A -106 B         1" SCH80 200         432/10         502491           FORNALHA         TUBO         023.070A.046-R1         7         1         ASTM A -106 B         10" SCH160 900         006/08         503048									
FORNALHA         TUBO         DA4570.046.049-R0         49         6         ASTM A - 178         2.1/2" #4,50mm x 12000         1080/10         15399/002           FORNALHA         BARRA REDONDA TREFILADA         023.226A.046-R0         2         197         VIDE CERTIF.         Ø 30 X 310         1582/10         39948           FORNALHA         TUBO         023.070A.046-R1         1         1         ASTM A-106 B         14" SCH80 1200         1033/10         504045           FORNALHA         TUBO         023.070A.046-R1         4         1         ASTM A-106 B         1" SCH80 200         432/10         502491           FORNALHA         TUBO         023.070A.046-R1         7         1         ASTM A-106 B         10" SCH160 900         006/08         503048									
FORNALHA         BARRA REDONDA TREFILADA         023.226A.046-R0         2         197         VIDE CERTIF.         Ø 30 X 310         1582/10         39948           FORNALHA         TUBO         023.070A.046-R1         1         1         ASTM A-106 B         14" SCH80 1200         1033/10         504045           FORNALHA         TUBO         023.070A.046-R1         4         1         ASTM A-106 B         1" SCH80 200         432/10         502491           FORNALHA         TUBO         023.070A.046-R1         7         1         ASTM A-106 B         10" SCH160 900         006/08         503048									
FORNALHA         TUBO         023.070A.046-R1         1         1         ASTM A-106 B         14" SCH80 1200         1033/10         504045           FORNALHA         TUBO         023.070A.046-R1         4         1         ASTM A-106 B         1" SCH80 200         432/10         502491           FORNALHA         TUBO         023.070A.046-R1         7         1         ASTM A-106 B         10" SCH160 900         006/08         503048									
FORNALHA         TUBO         023.070A.046-R1         4         1         ASTM A-106 B         1" SCH80 200         432/10         502491           FORNALHA         TUBO         023.070A.046-R1         7         1         ASTM A-106 B         10" SCH160 900         006/08         503048				1					
FORNALHA TUBO 023.070A.046-R1 7 1 ASTM A-106 B 10" SCH160 900 006/08 503048									
					1				
FORNALHA TUBO 023.070B.046-R1   1   1   ASTM A-106 B   14" SCH80 1200   611/08   501077					4				50304863 50107741



DATA 08/06/2011

COMPONENTE	PARTE	N° DESENHO	POS.	QTD.	MATERIAL	DIMENSÕES	C.R.	Nº CERTIFICADO
FORNALHA	TUBO	023.070B.046-R1	3	1	ASTM A-106 B	1" SCH80 200	432/10	50249173
FORNALHA	TUBO	023.070B.046-R1	6	1	ASTM A-106 B	10" SCH160 900	006/08	50304863
FORNALHA	CHAPA	023.070B.046-R1	2	1	ASTM A-516 º70	2" X 0,140m <sup>2</sup>	603/10	358118
FORNALHA	CHAPA	023.070A.046-R1	2	1	ASTM A-516 º70	2" X 0,140m <sup>2</sup>	603/10	358118
FORNALHA	CHAPA	023.070B.046-R1	8	1	ASTM A-516 º70	5/8" X 1,060m <sup>2</sup>	1130/09	259194
FORNALHA	CHAPA	023.070A.046-R1	8	1	ASTM A-516 º70	5/8" X 0,670m²	1130/09	259194
FORNALHA	CHAPA	023.210A.046-R0	6	1	ASTM A-516 º70	2.1/2" X 0,400m²	292/07	405370
FORNALHA	CHAPA	023.070A.046-R1	9	1	ASTM A-516 º70	3/8" X 0,130m <sup>2</sup>	2059/08	813849
FORNALHA	CHAPA	023.070A.046-R1	9	1	ASTM A-516 °70	3/8" X 0,210m <sup>2</sup>	2059/08	813849
			7	1				
FORNALHA	CHAPA	023.095A.046-R1			ASTM A-516 º70	1/4" X 0,190m²	1003/10	1791709
FORNALHA	CHAPA	023.092A.046-R1	7	1	ASTM A-516 º70	1/4" X 0,190m²	1003/10	1791709
FORNALHA	CHAPA	023.089A.046-R1	10	1	ASTM A-516 º70	1/4" X 0,100m <sup>2</sup>	1003/10	1791709
FORNALHA	CHAPA	023.088A.046-R1	10	1	ASTM A-516 º70	1/4" X 0,100m <sup>2</sup>	1003/10	1791709
FORNALHA	CHAPA	023.070B.046-R1	4	1	ASTM A-516 º70	1" X 0,220m <sup>2</sup>	604/10	2196492
FORNALHA	CHAPA	023.070A.046-R1	3	1	ASTM A-516 º70	1" X 0,220m <sup>2</sup>	604/10	2196492
FORNALHA	TUBO	023.070A.046-R0	1	1	ASTM A-106 B	14" SCH80 9661	1033/10	50404508
FORNALHA	TUBO	023.070A.046-R0	1	1	ASTM A-106 B	14" SCH80 11600	1033/10	50404508
FORNALHA	TUBO	023.070A.046-R0	7	1	ASTM A-106 B	10" SCH80 900	1061/10	50397987
FORNALHA	TUBO	023.070A.046-R0	5	1	ASTM A-106 B	8" SCH80 900	1031/10	50429772
FORNALHA	TUBO	023.070A.046-R0	4	1	ASTM A-106 B	1" SCH80 200	432/10	50249173
FORNALHA	TUBO	023.070B.046-R0	1	1	ASTM A-106 B	14" SCH80 9607	1033/10	50404508
	TUBO	023.070B.046-R0	1	1				
FORNALHA			1		ASTM A-106 B	14" SCH80 11600	1033/10	50404508
FORNALHA	TUBO	023.070B.046-R0	6	1	ASTM A-106 B	8" SCH80 900	1031/10	50429772
FORNALHA	TUBO	023.070B.046-R0	5	1	ASTM A-106 B	8" SCH80 900	1031/10	50429772
FORNALHA	TUBO	023.070B.046-R0	3	1	ASTM A-106 B	1" SCH80 200	432/10	50249173
FORNALHA	CHAPA	023.070B.046-R0	2	1	ASTM A-516 º70	1.3/4" X 0,140m <sup>2</sup>	442/06	828236
FORNALHA	CHAPA	023.070A.046-R0	6	1	ASTM A-516 º70	1.1/2" X 0,400m <sup>2</sup>	1311/09	232015
FORNALHA	CHAPA	023.070B.046-R0	3	1	ASTM A-516 º70	1" X 0,260m <sup>2</sup>	567/09	2034196
FORNALHA	CHAPA	023.070A.046-R0	2	1	ASTM A-516 º70	1.3/4" X 0,140m <sup>2</sup>	442/06	828236
FORNALHA	CHAPA	023.070A.046-R0	4	1	ASTM A-516 º70	2.1/2" X 0,260m <sup>2</sup>	567/09	2034196
FORNALHA	CHAPA	023.210A.046-R0	2	1	ASTM A-516 º70	2.1/2" X 0,060m <sup>2</sup>	292/07	405370
FORNALHA	CHAPA	023.210A.046-R0	1	1	ASTM A-516 º70	2.1/2" X 0,070m <sup>2</sup>	292/07	405370
FORNALHA	TUBO	023.130A.046-R1	1	1	ASTM A-106 B	10" SCH160 9682	534/08	50328050
	TUBO		1	1				
FORNALHA		023.130A.046-R1	1		ASTM A-106 B	10" SCH160 9682	066/08	1698
FORNALHA	TUBO	023.119A.046-R0	1	4	ASTM A-106 B	8" SCH80 500	1031/10	50429772
FORNALHA	TUBO	023.093A.046-R1	1	2	ASTM A-106 B	8" SCH80 1030	856/08	50185780
FORNALHA	TUBO	023.092A.046-R1	1	2	ASTM A-106 B	8" SCH80 1030	856/08	50185780
FORNALHA	TUBO	023.169B.046-R0	3	1	ASTM A-106 B	4" SCH80 1376	715/10	50317300
FORNALHA	TUBO	023.169B.046-R0	1	1	ASTM A-106 B	4" SCH80 735	715/10	50317300
FORNALHA	CURVA 45º	023.169B.046-R0	2	1	ASTM A-234 WPE	4" SCH80	1909/08	22245201
FORNALHA	CURVA 90°	023.119A.046-R0	11	1	ASTM A-234 WPE	8" SCH80	1357/10	2010/10411
FORNALHA	CURVA 90º	023.119A.046-R0	6	4	ASTM A-234 WPE	6" SCH80	1356/10	2010/10411
FORNALHA	CURVA 90º	023.119A.046-R0	4	1	ASTM A-234 WPE	6" SCH80	1356/10	2010/10411
FORNALHA	CURVA 90º	023.169B.046-R0	4	2	ASTM A-234 WPE	4" SCH80	223/10	24055216
FORNALHA	TUBO	023.175B.046-R1	3	2	ASTM A-106 B	6" SCH80 9577	1543/10	
FORNALHA	TUBO	023.175B.046-R1	3	2	ASTM A-106 B	6" SCH80 9577	307/09	50365745
FORNALHA	TUBO	023.175B.046-R1	1	4	ASTM A-106 B	6" SCH80 730	723/10	50421561
			2	4				
FORNALHA	CURVA 90°	023.124A.046-R0		4	ASTM A-234 WPE	8" SCH80	1357/10	
FORNALHA	CURVA 90º	023.124A.046-R0	7	1	ASTM A-234 WPE	6" SCH80	1356/10	
FORNALHA	CURVA 90º	023.153A.046-R0	3	2	ASTM A-234 WPE	6" SCH80	1356/10	
FORNALHA	CURVA 90°	023.153A.046-R0	2	1	ASTM A-234 WPE	6" SCH80	1356/10	
FORNALHA	CURVA 90º	023.167B.046-R0	5	1	ASTM A-234 WPE	6" SCH80	1356/10	2010/10411
FORNALHA	CURVA 90º	023.167B.046-R0	2	2	ASTM A-234 WPE	6" SCH80	1356/10	2010/10411
FORNALHA	CURVA 90º	023.168A.046-R0	5	1	ASTM A-234 WPE	6" SCH80	1356/10	2010/10411
FORNALHA	CURVA 90º	023.168A.046-R0	2	2	ASTM A-234 WPE	6" SCH80	1356/10	2010/10411
FORNALHA	CURVA 90º	023.168B.046-R0	5	1	ASTM A-234 WPE	6" SCH80	1356/10	2010/10411
FORNALHA	CURVA 90º	023.168B.046-R0	2	2	ASTM A-234 WPE	6" SCH80	1356/10	2010/10411
FORNALHA	CURVA 90º	023.152B.046-R0	3	2	ASTM A-234 WPE	6" SCH80	1356/10	
FORNALHA	CURVA 90°	023.152B.046-R0	2	1	ASTM A-234 WPE	6" SCH80	1356/10	
FORNALHA	CURVA 90°	023.167A.046-R0	5	1	ASTM A-234 WPE	6" SCH80	1356/10	
FORNALHA	CURVA 90º	023.167A.046-R0	2		ASTM A-234 WPE		1356/10	
FORNALHA	CURVA 90º	023.166B.046-R0	5	2	ASTM A-234 WPE	6" SCH80	1356/10	
FORNALHA	CURVA 90°	023.166B.046-R0	1	1	ASTM A-234 WPE	6" SCH80	1356/10	
FORNALHA	CURVA 90º	023.166A.046-R0	5	2	ASTM A-234 WPE	6" SCH80	1356/10	2010/10411
FORNALHA	CURVA 90°	023.166A.046-R0	2	1	ASTM A-234 WPE	6" SCH80	1356/10	2010/10411
FORNALHA	CURVA 90º	023.165B.046-R0	3	1	ASTM A-234 WPE	6" SCH80	1356/10	2010/10411
FORNALHA	CURVA 90º	023.165B.046-R0	1	1	ASTM A-234 WPE	6" SCH80	1356/10	2010/10411



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COMPONENTE	PARTE	N° DESENHO	POS.	QTD.	MATERIAL	DIMENSÕES	C.R.	№ CERTIFICADO
FORNALHA	CURVA 90º	023.165A.046-R0	1	1	ASTM A-234 WPE	6" SCH80	1356/10	2010/10411
FORNALHA	CURVA 90º	023.154B.046-R0	3	2	ASTM A-234 WPE	6" SCH80	1356/10	2010/10411
FORNALHA	CURVA 90º	023.154B.046-R0	2	1	ASTM A-234 WPE	6" SCH80	1356/10	2010/10411
FORNALHA	CURVA 90º	023.153B.046-R0	3	2	ASTM A-234 WPE	6" SCH80	1356/10	2010/10411
FORNALHA	CURVA 90º	023.153B.046-R0	2	1	ASTM A-234 WPE	6" SCH80	1356/10	2010/10411
FORNALHA	CURVA 90º	023.154A.046-R0	3	2	ASTM A-234 WPE	6" SCH80	1356/10	2010/10411
FORNALHA	CURVA 90º	023.154A.046-R0	2	1	ASTM A-234 WPE	6" SCH80	1356/10	2010/10411
FORNALHA	CURVA 90°	023.130A.046-R0	8	1	ASTM A-234 WPE	6" SCH80	1356/10	2010/10411
FORNALHA	CURVA 90°	023.130A.046-R0	3	1	ASTM A-234 WPE	6" SCH80	1356/10	2010/10411
FORNALHA	CURVA 90°	023.124B.046-R0	2	1	ASTM A-234 WPE	8" SCH80	1357/10	2010/10411
FORNALHA	CURVA 90°	023.124B.046-R0	6	1	ASTM A-234 WPE	6" SCH80	1356/10	2010/10411
FORNALHA	CURVA 90°	023.175B.046-R1	2	8	ASTM A-234 WPE	6" SCH80	1356/10	2010/10411
FORNALHA	REDUÇÃO CONCENTRICA	023.119A.046-R0	2	1	ASTM A-234 WPE	8" X 6" SCH80	191/07	19484601
FORNALHA	REDUÇÃO CONCENTRICA	023.130A.046-R0	6	1	ASTM A-234 WPE	8" X 6" SCH80	375/06	17769501
FORNALHA	REDUÇÃO CONCENTRICA	023.124B.046-R0	4	1	ASTM A-234 WPE	8" X 6" SCH80	191/07	19484601
FORNALHA	REDUÇÃO CONCENTRICA	023.124A.046-R0	4	1	ASTM A-234 WPE	8" X 6" SCH80	375/06	17769501
FORNALHA	CURVA 90º	023.089A.046-R0	2	1	ASTM A-234 WPE	8" SCH80	1357/10	2010/10411
FORNALHA	CURVA 90°	023.089A.046-R0	6	1	ASTM A-234 WPE	6" SCH80	1356/10	2010/10411
FORNALHA	CURVA 45º	023.089A.046-R0	8	2	ASTM A-234 WPE	6" SCH80	1349/10	2010/10408
FORNALHA	CURVA 45°	023.088A.046-R0	8	2	ASTM A-234 WPE	6" SCH80	1349/10	
FORNALHA	CURVA 90°	023.175A.046-R0	2	8	ASTM A-234 WPE	6" SCH80	1356/10	
FORNALHA	CURVA 90º	023.088A.046-R0	2	1	ASTM A-234 WPE	8" SCH80	1357/10	
FORNALHA	CURVA 90º	023.088A.046-R0	6		ASTM A-234 WPE	6" SCH80	1356/10	
FORNALHA	REDUÇÃO CONCENTRICA	023.088A.046-R0	4		ASTM A-234 WPE	8" X 6" SCH80	191/07	19484601
FORNALHA	REDUÇÃO CONCENTRICA	023.089A.046-R0	4	1	ASTM A-234 WPE	8" X 6" SCH80	191/07	19484601
FORNALHA	TUBO	023.184A.046-R0	1	10	ASTM A-106 B	4" SCH80 518	1614/08	1
	TUBO		10	1				
FORNALHA FORNALHA	TUBO	023.119A.046-R0	8	1	ASTM A 106 B	6" SCH80 900	181/10 181/10	50412422
		023.119A.046-R0	5	3	ASTM A 100 B	6" SCH80 900		50412422
FORNALHA	TUBO TUBO	023.090A.046-R0	1	1	ASTM A 106 B	6" SCH80 1134	292/10	50421561
FORNALHA		023.171A.046-R0	1		ASTM A-106 B	4" SCH80 735	715/10	50317300
FORNALHA	TUBO	023.170A.046-R0	3	1	ASTM A-106 B	4" SCH80 2906	715/10	50317300
FORNALHA	TUBO	023.170A.046-R0	1	1	ASTM A-106 B	4" SCH80 735	715/10	50317300
FORNALHA	TUBO	023.170B.046-R0	3	1	ASTM A-106 B	4" SCH80 2906	715/10	50317300
FORNALHA	TUBO	023.170B.046-R0	1	1	ASTM A-106 B	4" SCH80 735	715/10	50317300
FORNALHA	TUBO	023.169A.046-R0	3	1	ASTM A-106 B	4" SCH80 1376	715/10	50317300
FORNALHA	TUBO	023.169A.046-R0	1	1	ASTM A-106 B	4" SCH80 735	715/10	50317300
FORNALHA	CURVA 90º	023.185A.046-R0	2		ASTM A-234 WPE	4" SCH80	1355/10	
FORNALHA	TUBO	023.090A.046-R0	3	1	ASTM A-106 B	8" SCH80 4068	1031/10	
FORNALHA	TUBO	023.090A.046-R0	1	1	ASTM A-106 B	8" SCH80 4231	1031/10	
FORNALHA	TUBO	023.090A.046-R0	1	1	ASTM A-106 B	8" SCH80 2569	1031/10	
FORNALHA	TUBO	023.090A.046-R0	15	1	ASTM A-106 B	8" SCH80 4099	1068/10	1
FORNALHA	TUBO	023.090A.046-R0	14	1	ASTM A-106 B	8" SCH80 1030	1068/10	
FORNALHA	TUBO	023.090A.046-R0	11	1	ASTM A-106 B	6" SCH80 900	724/10	50421561
FORNALHA	TUBO	023.090A.046-R0			ASTM A-106 B	6" SCH80 900	724/10	
FORNALHA	TUBO	023.090A.046-R0	9	1	ASTM A-106 B	6" SCH80 900	724/10	50421561
FORNALHA	TUBO	023.090A.046-R0	8	1	ASTM A-106 B	6" SCH80 900	724/10	50421561
FORNALHA	TUBO	023.090A.046-R0	5	3	ASTM A-106 B	6" SCH80 1104	724/10	50421561
FORNALHA	TUBO	023.091A.046-R0	3	1	ASTM A-106 B	8" SCH80 4068	1068/10	50407608
FORNALHA	TUBO	023.091A.046-R0	1	1	ASTM A-106 B	8" SCH80 4231	1031/10	50429772
FORNALHA	TUBO	023.091A.046-R0	1	1	ASTM A-106 B	8" SCH80 2569	1068/10	50407608
FORNALHA	TUBO	023.091A.046-R0	15	1	ASTM A-106 B	8" SCH80 4099	1031/10	50429772
FORNALHA	TUBO	023.091A.046-R0	13	1	ASTM A-106 B	8" SCH80 1030	1031/10	50429772
FORNALHA	TUBO	023.091A.046-R0	12	1	ASTM A-106 B	6" SCH80 900	724/10	50421561
FORNALHA	TUBO	023.091A.046-R0	10	1	ASTM A-106 B	6" SCH80 900	724/10	50421561
FORNALHA	TUBO	023.091A.046-R0	9	1	ASTM A-106 B	6" SCH80 1134	724/10	50421561
FORNALHA	TUBO	023.091A.046-R0	6	1	ASTM A-106 B	6" SCH80 900	724/10	50421561
FORNALHA	TUBO	023.091A.046-R0	5	1	ASTM A-106 B	6" SCH80 900	724/10	50421561
FORNALHA	TUBO	023.185A.046-R0	1	10	ASTM A-106 B	4" SCH80 900	1538/08	50319498
FORNALHA	TUBO	023.167B.046-R0	4	1	ASTM A-106 B	6" SCH80 1399	723/10	50421561
FORNALHA	TUBO	023.167B.046-R0	3	1	ASTM A-106 B	6" SCH80 1465	724/10	50421561
FORNALHA	TUBO	023.167B.046-R0	1	1	ASTM A-106 B	6" SCH80 1093	723/10	50421561
FORNALHA	TUBO	023.168A.046-R0	4	1	ASTM A-106 B	6" SCH80 2220	724/10	50421561
FORNALHA	TUBO	023.168A.046-R0	3	1	ASTM A-106 B	6" SCH80 2185	724/10	50421561
FORNALHA	TUBO	023.168A.046-R0	1	1	ASTM A-106 B	6" SCH80 1093	724/10	50421561
FORNALHA	TUBO	023.168B.046-R0	4	1	ASTM A-106 B	6" SCH80 2220	724/10	i e
FORNALHA	TUBO	023.168B.046-R0	3	1	ASTM A-106 B	6" SCH80 2185	724/10	50421561
FORNALHA	TUBO	023.168B.046-R0	1	1	ASTM A-106 B	6" SCH80 1093	724/10	50421561
FORNALHA	TUBO	023.124A.046-R0	3	1	ASTM A-106 B	8" SCH80 7040	029/04	l



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COMPONENTE	PARTE	N° DESENHO	POS.	QTD.	MATERIAL	DIMENSÕES	C.R.	Nº CERTIFICADO
FORNALHA	TUBO	023.124A.046-R0	1	1	ASTM A-106 B	8" SCH80 1665	029/04	50126432
FORNALHA	TUBO	023.124A.046-R0	6	1	ASTM A-106 B	6" SCH80 900	724/10	50421561
FORNALHA	TUBO	023.124A.046-R0	5	1	ASTM A-106 B	6" SCH80 1628	724/10	50421561
FORNALHA	TUBO	023.093A.046-R0	5	1	ASTM A-106 B	8" SCH80 1725	029/04	50126432
FORNALHA	TUBO	023.093A.046-R0	3	1	ASTM A-106 B	8" SCH80 230	029/04	50126432
FORNALHA	TUBO	023.093A.046-R0	1	2	ASTM A-106 B	8" SCH80 1000	357/08	WXTG-071292
FORNALHA	TUBO	023.093A.046-R0	1	2	ASTM A-106 B	8" SCH80 1000	029/04	50126432
FORNALHA	TUBO	023.092A.046-R0	5	1	ASTM A-106 B	8" SCH80 1725	1031/10	50429772
FORNALHA	TUBO	023.092A.046-R0	4	1	ASTM A-106 B	8" SCH80 230	1031/10	50429772
FORNALHA	TUBO	023.092A.046-R0	1	2	ASTM A-106 B	8" SCH80 1000	357/08	WXTG-071292
FORNALHA	CHAPA	023.091A.046-R0	4	1	ASTM A-516 º70	1.1/4" X 0,070m <sup>2</sup>	740/09	286650
FORNALHA	CHAPA	023.119A.046-R0	4	1	ASTM A-516 º70	1.1/4" X 0,070m <sup>2</sup>	740/09	286650
FORNALHA	CHAPA	023.119A.046-R0	14	1	ASTM A-516 º70	1.1/4" X 0,040m <sup>2</sup>	740/09	286650
FORNALHA	CHAPA	023.120A.046-R0	11	1	ASTM A-516 º70	1.1/4" X 0,040m <sup>2</sup>	740/09	286650
FORNALHA	CHAPA	023.091A.046-R0	12	1	ASTM A-516 º70	1/4" X 0,630m <sup>2</sup>	1001/10	1791709
FORNALHA	CHAPA	023.090A.046-R0	12	1	ASTM A-516 º70	1/4" X 0,630m <sup>2</sup>	1001/10	1791709
FORNALHA	CHAPA	023.119A.046-R0	9	1	ASTM A-516 º70	1/4" X 0,270m <sup>2</sup>	1001/10	1791709
FORNALHA	CHAPA	023.120A.046-R0	9	1	ASTM A-516 º70	1/4" X 0,270m <sup>2</sup>	1001/10	1791709
FORNALHA	CHAPA	023.031A.046-R0	8	1	ASTM A-516 º70	1/4" X 0,090m <sup>2</sup>	1001/10	
FORNALHA	CHAPA	023.090A.046-R0	8	1	ASTM A-516 º70	1/4" X 0,090m²	1001/10	
FORNALHA	CHAPA	023.035A.046-R0	6	1	ASTM A-516 º70	1.1/4" X 0,070m <sup>2</sup>	740/09	286650
FORNALHA	CHAPA	023.035A.046-R0	6	1	ASTM A-516 º70	1.1/4" X 0,070m <sup>2</sup>	740/09	286650
FORNALHA	TUBO	023.152A.046-R0	5	1	ASTM A-106 B	6" SCH80 825	723/10	50421561
FORNALHA	TUBO	023.152A.046-R0	4	1	ASTM A-106 B	6" SCH80 583	723/10	50421561
FORNALHA	TUBO	023.152A.046-R0	1	1	ASTM A-106 B	6" SCH80 1068	723/10	50421561
FORNALHA	TUBO	023.151B.046-R0	1	1	ASTM A-106 B	6" SCH80 1068	723/10	50421561
FORNALHA	TUBO	023.151A.046-R0	1	1	ASTM A 100 B	6" SCH80 1068	723/10	50421561
FORNALHA	TUBO	023.152B.046-R0	5 4	1	ASTM A 106 B	6" SCH80 825	723/10	50421561
FORNALHA FORNALHA	TUBO TUBO	023.152B.046-R0 023.152B.046-R0	1	1	ASTM A-106 B ASTM A-106 B	6" SCH80 583	723/10 723/10	50421561
	TUBO		5	1		6" SCH80 1068		50421561
FORNALHA FORNALHA	TUBO	023.153A.046-R0 023.153A.046-R0	4	1	ASTM A-106 B ASTM A-106 B	6" SCH80 1625 6" SCH80 1908	723/10 723/10	50421561 50421561
FORNALHA	TUBO	023.153A.046-R0	1	1	ASTM A-106 B	6" SCH80 1968	723/10	50421561
FORNALHA	TUBO	023.153B.046-R0	5	1	ASTM A-106 B	6" SCH80 1625	723/10	50421561
FORNALHA	TUBO	023.153B.046-R0	4	1	ASTM A-106 B	6" SCH80 1908	723/10	50421561
FORNALHA	TUBO	023.153B.046-R0	1	1	ASTM A-106 B	6" SCH80 1068	723/10	50421561
FORNALHA	TUBO	023.124B.046-R0	3	1	ASTM A-106 B	8" SCH80 7040	1031/10	50429772
FORNALHA	TUBO	023.124B.046-R0	1	1	ASTM A-106 B	8" SCH80 1665	1031/10	50429772
FORNALHA	TUBO	023.124B.046-R0	7	1	ASTM A-106 B	6" SCH80 900	724/10	50421561
FORNALHA	TUBO	023.124B.046-R0	5	1	ASTM A-106 B	6" SCH80 1678	724/10	50421561
FORNALHA	TUBO	023.166A.046-R0	4	1	ASTM A-106 B	6" SCH80 1093	723/10	50421561
FORNALHA	TUBO	023.166A.046-R0	3	1	ASTM A-106 B	6" SCH80 583	723/10	50421561
FORNALHA	TUBO	023.166A.046-R0	1	1	ASTM A-106 B	6" SCH80 745	723/10	50421561
FORNALHA	TUBO	023.165A.046-R0	2	1	ASTM A-106 B	6" SCH80 1093	723/10	50421561
FORNALHA	TUBO	023.165B.046-R0	2	1	ASTM A-106 B	6" SCH80 1093	723/10	50421561
FORNALHA	TUBO	023.154A.046-R0	5	1	ASTM A-106 B	6" SCH80 2425	723/10	50421561
FORNALHA	TUBO	023.154A.046-R0	4	1	ASTM A-106 B	6" SCH80 3132	723/10	50421561
FORNALHA	TUBO	023.154A.046-R0	1	1	ASTM A-106 B	6" SCH80 1068	723/10	50421561
FORNALHA	TUBO	023.154B.046-R0	5	1	ASTM A-106 B	6" SCH80 2425	723/10	50421561
FORNALHA	TUBO	023.154B.046-R0	4	1	ASTM A-106 B	6" SCH80 3132	723/10	50421561
FORNALHA	TUBO	023.154B.046-R0	1	1	ASTM A-106 B	6" SCH80 1068	723/10	50421561
FORNALHA	TUBO	023.129A.046-R0	1	6	ASTM A-106 B	3" SCH80 4101	1055/10	50431053
FORNALHA	TUBO	023.119A.046-R0	1	1	ASTM A-106 B	8" SCH80 2102	1219/10	50440039
FORNALHA	TUBO	023.119A.046-R0	1	1	ASTM A-106 B	8" SCH80 1156	1219/10	
FORNALHA	TUBO	023.119A.046-R0	15	1	ASTM A-106 B	8" SCH80 2127	1031/10	
FORNALHA	TUBO	023.119A.046-R0	12	1	ASTM A-106 B	8" SCH80 515	1031/10	
FORNALHA	TUBO	023.119A.046-R0	10	1	ASTM A-106 B	6" SCH80 463	723/10	50421561
FORNALHA	TUBO	023.119A.046-R0	8	1	ASTM A 100 B	6" SCH80 674	723/10	50421561
FORNALHA	TUBO	023.119A.046-R0	7	1	ASTM A 100 B	6" SCH80 900	723/10	50421561
FORNALHA	TUBO	023.119A.046-R0	5	1	ASTM A 106 B	6" SCH80 130	723/10	50421561
FORNALHA	TUBO	023.119A.046-R0	3	1	ASTM A 106 B	6" SCH80 830	723/10	50421561
FORNALHA	TUBO	023.120A.046-R0	1	1	ASTM A 100 B	8" SCH80 2102	1068/10	
FORNALHA	TUBO	023.120A.046-R0	1 1 5	1	ASTM A 106 B	8" SCH80 1156	1068/10	
	TUBO	023.120A.046-R0	15	1	ASTM A-106 B	8" SCH80 2027	1068/10	50407608
FORNALHA	TIDO	000 1004 010 50	40	4	ACTAL A 100 D	011 0 0 1 100 545	1000/40	
FORNALHA	TUBO	023.120A.046-R0	13	1	ASTM A 106 B	8" SCH80 515	1068/10	
	TUBO TUBO TUBO	023.120A.046-R0 023.120A.046-R0 023.120A.046-R0	13 10 8	1	ASTM A-106 B ASTM A-106 B ASTM A-106 B	8" SCH80 515 6" SCH80 463 6" SCH80 674	1068/10 723/10 723/10	50407608 50421561 50421561



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COMPONENTE	PARTE	N° DESENHO	POS.	QTD	MATERIAL	DIMENSÕES	C.R.	Nº CERTIFICADO
FORNALHA	TUBO	023.120A.046-R0	5	1	ASTM A-106 B	6" SCH80 130	723/10	50421561
FORNALHA	TUBO	023.120A.046-R0	3	1	ASTM A-106 B	6" SCH80 830	723/10	50421561
FORNALHA	TUBO	023.166B.046-R0	3	1	ASTM A-106 B	6" SCH80 583	723/10	50421561
FORNALHA	TUBO	023.166B.046-R0	4	1	ASTM A-106 B	6" SCH80 1093	723/10	50421561
FORNALHA	TUBO	023.166B.046-R0	1	1	ASTM A-106 B	6" SCH80 745	723/10	50421561
FORNALHA	TUBO	023.167A.046-R0	4	1	ASTM A-106 B	6" SCH80 1399	723/10	50421561
FORNALHA	TUBO	023.167A.046-R0	3	1	ASTM A-106 B	6" SCH80 1465	723/10	50421561
FORNALHA	TUBO	023.167A.046-R0	1	1	ASTM A-106 B	6" SCH80 1093	723/10	50421561
FORNALHA	TUBO	023.130A.046-R0	1	1	ASTM A-106 B	10" SCH80 9682	434/10	50305980
FORNALHA	TUBO	023.130A.046-R0	5	1	ASTM A-106 B	8" SCH80 2980	1219/10	50440039
FORNALHA	TUBO	023.130A.046-R0	4	1	ASTM A-106 B	6" SCH80 219	723/10	50421561
FORNALHA	TUBO	023.130A.046-R0	2	1	ASTM A-106 B	6" SCH80 3380	723/10	50421561
FORNALHA	TUBO	023.130A.046-R0	11	1	ASTM A-106 B	6" SCH80 900	724/10	50421561
FORNALHA	TUBO	023.130A.046-R0	10	4	ASTM A-106 B	6" SCH80 663	724/10	50421561
FORNALHA	TUBO	023.130A.046-R0	9	1	ASTM A-106 B	6" SCH80 900	723/10	50421561
FORNALHA	TUBO	023.130A.046-R0	7	1	ASTM A-106 B	6" SCH80 780	723/10	50421561
FORNALHA	TUBO	023.094A.046-R1	14	1	ASTM A-106 B	8" SCH80 230	1031/10	50429772
FORNALHA	TUBO	023.094A.046-R1	13	1	ASTM A-106 B	8" SCH80 390	1068/10	50407608
FORNALHA	TUBO	023.094A.046-R1	12	1	ASTM A-106 B	8" SCH80 3501	1031/10	50429772
FORNALHA	TUBO	023.094A.046-R1	10	1	ASTM A-106 B	8" SCH80 230	1031/10	50429772
FORNALHA	TUBO	023.094A.046-R1	9	1	ASTM A 100 B	8" SCH80 921	1031/10	50429772
FORNALHA FORNALHA	TUBO TUBO	023.094A.046-R1 023.094A.046-R1	7	1	ASTM A-106 B ASTM A-106 B	8" SCH80 330 8" SCH80 10096	1031/10	50429772
FORNALHA	TUBO	023.094A.046-R1	6	1	ASTM A-106 B	8" SCH80 10096 8" SCH80 2699	1031/10	50429772 50429772
FORNALHA	TUBO	023.094A.046-R1	5	1	ASTM A-106 B	8" SCH80 2395	1068/10	50429772
FORNALHA	TUBO	023.094A.046-R1	4	1	ASTM A-106 B	8" SCH80 2630	1068/10	50407608
FORNALHA	TUBO	023.094A.046-R1	2	1	ASTM A-106 B	8" SCH80 230	1031/10	50429772
FORNALHA	CURVA 90º	023.097A.046-R1	1		ASTM A-234 WPE	10" SCH80	1232/10	24558304
FORNALHA	CURVA 90º	023.184A.046-R0	2		ASTM A-234 WPE	4" SCH80	1355/10	2010/10411
FORNALHA	CURVA 90°	023.170B.046-R0	4		ASTM A-234 WPE	4" SCH80	1355/10	2010/10411
FORNALHA	CURVA 90°	023.170A.046-R0	4	2	ASTM A-234 WPE	4" SCH80	1355/10	2010/10411
FORNALHA	CURVA 90º	023.169A.046-R0	4	2	ASTM A-234 WPE	4" SCH80	1355/10	2010/10411
FORNALHA	CURVA 90°	023.151B.046-R0	3	1	ASTM A-234 WPE	6" SCH80	1356/10	2010/10411
FORNALHA	CURVA 90º	023.151B.046-R0	2	1	ASTM A-234 WPE	6" SCH80	1356/10	2010/10411
FORNALHA	CURVA 45º	023.171A.046-R0	2	1	ASTM A-234 WPE	4" SCH80	1123/10	2010/8130
FORNALHA	CURVA 45º	023.170B.046-R0	2	1	ASTM A-234 WPE	4" SCH80	1123/10	2010/8130
FORNALHA	CURVA 45º	023.170A.046-R0	2	1	ASTM A-234 WPE	4" SCH80	1123/10	2010/8130
FORNALHA	CURVA 45°	023.169A.046-R0	2	1	ASTM A-234 WPE	4" SCH80	1123/10	2010/8130
FORNALHA	TUBO	023.088A.046-R0	3	1	ASTM A-106 B	8" SCH80 1665	357/08	WXTG-071292
FORNALHA	TUBO	023.088A.046-R0	1	1	ASTM A-106 B	8" SCH80 6782	1219/10	50440039
FORNALHA	TUBO	023.088A.046-R0	9	1	ASTM A-106 B	6" SCH80 900	724/10	50421561
FORNALHA	TUBO	023.088A.046-R0	7	1	ASTM A-106 B	6" SCH80 130	724/10	50421561
FORNALHA	TUBO	023.088A.046-R0	5	1	ASTM A-106 B	6" SCH80 1678	724/10	50421561
FORNALHA	TUBO	023.097A.046-R1	4		ASTM A-335 P11		1053/10	50352872
FORNALHA	TUBO CURVA 90°	023.097A.046-R1 023.152A.046-R0	3		ASTM A-335 P11 ASTM A-234 WPE	10" SCH80 3105	1053/10 1356/10	50352872
FORNALHA FORNALHA	CURVA 90°	023.152A.046-R0	2		ASTM A-234 WPE	6" SCH80	1356/10	2010/10411
FORNALHA	CURVA 90°	023.152A.046-R0	3		ASTM A-234 WPE	6" SCH80 6" SCH80	1356/10	2010/10411
FORNALHA	CURVA 90°	023.151A.046-R0	2		ASTM A-234 WPE	6" SCH80	1356/10	2010/10411
FORNALHA	CURVA 90°	023.092A.046-R0	3		ASTM A-234 WPE	8" SCH80	1357/10	2010/10411
FORNALHA	CURVA 90º	023.093A.046-R0	4		ASTM A-234 WPE	8" SCH80	1357/10	2010/10411
FORNALHA	CURVA 90º	023.090A.046-R0	2		ASTM A-234 WPE	8" SCH80	1357/10	2010/10411
FORNALHA	CURVA 90º	023.090A.046-R0	7		ASTM A-234 WPE	6" SCH80	1356/10	2010/10411
FORNALHA	CURVA 90º	023.090A.046-R0	6		ASTM A-234 WPE	6" SCH80	1356/10	2010/10411
FORNALHA	TEE	023.092A.046-R0	2		ASTM A-234 WPE	8" SCH80	2074/10	25016301
FORNALHA	TEE	023.093A.046-R0	2	1	ASTM A-234 WPE	8" SCH80	2074/10	25016301
FORNALHA	TEE	023.090A.046-R0	13	1	ASTM A-234 WPE	8" SCH80	2074/10	25016301
FORNALHA	TEE	023.119A.046-R0	13	1	ASTM A-234 WPE	8" SCH80	2074/10	25016301
FORNALHA	CURVA 45º	023.094A.046-R1	3	2	ASTM A-234 WPE	8" SCH80	1350/10	2010/10408
FORNALHA	CURVA 90º	023.094A.046-R1	1	8	ASTM A-234 WPE	8" SCH80	1357/10	2010/10411
FORNALHA	CURVA 90º	023.120A.046-R0	14	1	ASTM A-234 WPE	8" SCH80	1357/10	2010/10411
FORNALHA	CURVA 90º	023.120A.046-R0	6	4	ASTM A-234 WPE	6" SCH80	1356/10	2010/10411
FORNALHA	CURVA 90°	023.120A.046-R0	4	1	ASTM A-234 WPE	6" SCH80	1356/10	2010/10411
FORNALHA	REDUÇÃO CONCENTRICA	023.120A.046-R0	2		ASTM A-234 WPE	8" X 6" SCH80	476/05	2005/4687
FORNALHA	TEE	023.120A.046-R0	12		ASTM A-234 WPE	8" SCH80	2074/10	25016301
FORNALHA	TEE	023.094A.046-R1	11	1	ASTM A-234 WPE	8" SCH80	2074/10	25016301
FORNALHA	TUBO	023.175A.046-R0	3	2	ASTM A-106 B	6" SCH80 9577	724/10	50421561
FORNALHA	TUBO	023.175A.046-R0	3	2	ASTM A-106 B	6" SCH80 9577	723/10	50421561



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COMPONENTE	PARTE	N° DESENHO	POS.	QTD.	MATERIAL	DIMENSÕES	C.R.	Nº CERTIFICADO
FORNALHA	TUBO	023.175A.046-R0	1	4	ASTM A-106 B	6" SCH80 1030	723/10	50421561
FORNALHA	TUBO	023.094A.046-R2	13	1	ASTM A-106 B	8" SCH80 200	1031/10	50429772
FORNALHA	TUBO	023.094A.046-R2	6	1	ASTM A-106 B	8" SCH80 2730	1031/10	50429772
FORNALHA	TUBO	023.094A.046-R2	2	1	ASTM A-106 B	8" SCH80 363	1031/10	50429772
FORNALHA	TUBO	023.094A.046-R2	15	1	ASTM A-106 B	3/4" SCH80 400	1049/10	50433637
FORNALHA	CHAPA	023.093A.046-R0	6	1	ASTM A-516 º70	1.1/4" X 0,160m <sup>2</sup>	1556/10	227944
FORNALHA	TUBO	023.040A.046-R0	122	43	ASTM A - 178	2" #3,75mm x 9200	732/08	21081
FORNALHA	TUBO	023.040A.046-R0	1	43	ASTM A - 178	2" #3,75mm x 1721	675/08	20725
FORNALHA	TUBO	023.040B.046-R0	126	43	ASTM A - 178	2" #3,75mm x 9200	675/08	20725
FORNALHA	TUBO	023.040B.046-R0	1	43	ASTM A - 178	2" #3,75mm x 1882	675/08	20725
FORNALHA	TUBO	023.040C.046-R0	1	43	ASTM A - 178	2" #3,75mm x 4031	675/08	20725
FORNALHA	TUBO	023.060A.046-R0	15	1	ASTM A - 178	2.1/2" #4,50mm x 1419	1083/10	15399/0072562
FORNALHA	TUBO	023.060A.046-R0	4	1	ASTM A - 178	2.1/2" #4,50mm x 1730	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.137-R0	23	1	ASTM A - 178	2.1/2" #4,50mm x 700	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.137-R0	138	1	ASTM A - 178	2.1/2" #4,50mm x 700	1083/10	15399/0072562
FORNALHA	TUBO	DA4570.046.137-R0	137	1	ASTM A - 178	2.1/2" #4,50mm x 700	1083/10	15399/0072562
FORNALHA	CHAPA	023.033A.046-R0	15	1	ASTM A-516 º70	1.1/4" X 0,230m <sup>2</sup>	740/09	286650
FORNALHA	CHAPA	023.031A.046-R0	12	1	ASTM A-516 º70	1.1/4" X 0,030m <sup>2</sup>	740/09	286650
FORNALHA	CHAPA	023.033A.046-R0	2	1	ASTM A-516 º70	1.1/2" X 0,100m <sup>2</sup>	1311/09	232015
FORNALHA	CHAPA	023.031A.046-R0	2	1	ASTM A-516 º70	1.1/2" X 0,100m <sup>2</sup>	1311/09	232015
FORNALHA	TUBO	023.061A.046-R0	11	1	ASTM A-106 B	6" SCH160 2087	1047/10	50412964
FORNALHA	CAPS	023.061A.046-R0	4	2	ASTM A-234 WPE	3" SCH160	1231/10	24558303
FORNALHA	TUBO	023.061A.046-R0	5	1	ASTM A-106 B	6" SCH80 900	181/10	50412422
FORNALHA	TUBO	023.061A.046-R0	13	6	ASTM A-106 B	3" SCH80 68	1834/08	2008/15608
FORNALHA	TUBO	023.061A.046-R0	6	1	ASTM A-106 B	1" SCH80 150	1125/09	50400050
FORNALHA	TUBO	023.061A.046-R0	1	1	ASTM A-106 B	10" SCH160 7914	1032/10	50342472
FORNALHA	TUBO	023.061A.046-R0	1	1	ASTM A-106 B	10" SCH160 2483	006/08	50304863
FORNALHA	TUBO	023.061A.046-R0	1	1	ASTM A-106 B	10" SCH160 2679	418/08	50249913
FORNALHA	TUBO	023.061A.046-R0	1	1	ASTM A-106 B	10" SCH160 2487	1032/10	50342472
FORNALHA	TUBO	023.061A.046-R0	11	1	ASTM A-106 B	8" SCH160 2087	1054/10	50434598
FORNALHA	TUBO	023.061A.046-R0	10	1	ASTM A-106 B	8" SCH160 900	1054/10	50434598
FORNALHA	TUBO	023.061A.046-R0	9	1	ASTM A-106 B	8" SCH160 900	1054/10	50434598
FORNALHA	TUBO	023.061A.046-R0	8	1	ASTM A-106 B	8" SCH160 900	1054/10	50434598
FORNALHA	TUBO	023.061A.046-R0	7	1	ASTM A-106 B	8" SCH160 900	1054/10	50434598
FORNALHA	TUBO	023.061A.046-R0	14	1	ASTM A-106 B	8" SCH160 2306	1054/10	50434598
FORNALHA	TUBO	023.061A.046-R0	14	1	ASTM A-106 B	8" SCH160 2672	1054/10	50434598
FORNALHA	TUBO	023.061A.046-R0	3	2	ASTM A-106 B	3" SCH160 200	1071/07	50304926
FORNALHA	TUBO	023.043A.046-R0	6	16	ASTM A - 178	2.1/2" #4.50mm x 8399	330/08	77660
FORNALHA	TUBO	023.043A.046-R0	5	2	ASTM A - 178	2.1/2" #4.50mm x 8947	330/08	77660
FORNALHA	TUBO	023.043A.046-R0	4	2	ASTM A - 178	2.1/2" #4.50mm x 700	330/08	77660
FORNALHA	TUBO	023.043A.046-R0	3	8	ASTM A - 178	2.1/2" #4.50mm x 1148	330/08	77660
FORNALHA	TUBO	023.043A.046-R0	1	48	ASTM A - 178	2.1/2" #4.50mm x 9445	330/08	77660
FORNALHA	TUBO	023.043A.046-R0	2	8	ASTM A - 178	2.1/2" #4.50mm x 1260	330/08	77660
FORNALHA	TUBO	023.044A.046-R0	3	1	ASTM A-106 B	6" SCH80 900	723/10	50421561
FORNALHA	TUBO	023.044A.046-R0	2	1	ASTM A-106 B	8" SCH160 3930	535/08	50187524
FORNALHA	TUBO	023.044A.046-R0	1	1	ASTM A-106 B	8" SCH160 3930	1054/10	50434598
ECONOMIZADOR	TUBO	027.002C.027-R0	6	36	ASTM A - 178	2" #4.25mm x 719	1110/09	259027
ECONOMIZADOR	TUBO	027.002C.027-R0	5	18	ASTM A - 178	2" #4.25mm x 602	1110/09	
ECONOMIZADOR	TUBO	027.002C.027-R0	4	396	ASTM A - 178	2" #4.25mm x 390	1110/09	
ECONOMIZADOR	TUBO	027.012A.027-R0	3	6	ASTM A-106 B	6" SCH80 239,5	723/10	50421561
ECONOMIZADOR	TUBO	027.010A.027-R0	1	2	ASTM A-106 B	6" SCH120 2351	479/08	MV7162B
ECONOMIZADOR	TUBO	027.009A.027-R0	1	2	ASTM A-106 B	6" SCH120 2351	479/08	MV7162B
ECONOMIZADOR	TUBO	027.003A.027-R0	1	343	ASTM A - 178	2" #3,75mm x 9200	745/08	21140
ECONOMIZADOR	TUBO	027.003A.027-R0	1	343	ASTM A - 178	2" #3,75mm x 9200	743/08	21143
SILO DOSADOR	BARRA REDONDA TREFILADA	032.017A.026-R0	2	24	VIDE CERTIF.	Ø 40 X 80	225/06	47927/07
SILO DOSADOR	CAPS	032.004A.026-R0	46		ASTM A-234 WPE	2" SCH80	1596/10	920
SILO DOSADOR	TUBO	032.112A.026-R0	4	1	ASTM A-106 B	1" SCH40 100	1042/10	
SILO DOSADOR	TUBO	032.130A.026-R0	7	1	ASTM A-106 B	1" SCH40 100	1042/10	
SILO DOSADOR	TUBO	032.130A.026-R0	4	1	ASTM A-106 B	1" SCH40 100	1042/10	
SILO DOSADOR	TUBO	032.170A.026-R0	5	1	ASTM A 106 B	1" SCH40 100	1042/10	
SILO DOSADOR	TUBO	032.170A.026-R0	4	2	ASTM A-106 B	1" SCH40 100	1042/10	
SILO DOSADOR	TUBO	032.135A.026-R0	7	1	ASTM A-106 B	1" SCH40 100	1042/10	
SILO DOSADOR	TUBO	032.135A.026-R0	4	1	ASTM A-106 B	1" SCH40 100	1042/10	
SILO DOSADOR	TUBO	032.155A.026-R0	5	3	ASTM A-106 B	1" SCH40 100	1042/10	
SILO DOSADOR	TUBO	032.150A.026-R0	10	2	ASTM A-106 B	1" SCH40 100	1042/10	
SILO DOSADOR	TUBO	032.150A.026-R0	4	2	ASTM A-106 B	1" SCH40 100	1042/10	
SILO DOSADOR SILO DOSADOR	TUBO	032.174A.026-R0	4	2	ASTM A-106 B	1" SCH40 100	1042/10	
	TUBO	032.172A.026-R0	5	3	ASTM A-106 B	1" SCH40 100	1042/10	50355026



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COMPONENTE	PARTE	N° DESENHO	POS.	QTD.	MATERIAL	DIMENSÕES	C.R.	Nº CERTIFICADO
SILO DOSADOR	TUBO	032.111A.026-R0	4	4	ASTM A-106 B	1" SCH40 100	1042/10	50355026
SILO DOSADOR	TUBO	032.137A.026-R0	4	1	ASTM A-106 B	1" SCH40 100	1042/10	50355026
SILO DOSADOR	TUBO	032.156A.026-R0	5	1	ASTM A-106 B	1" SCH40 100	1042/10	50355026
SILO DOSADOR	TUBO	032.156A.026-R0	4	1	ASTM A-106 B	1" SCH40 100	1042/10	50355026
SILO DOSADOR	TUBO	032.131A.026-R0	10	1	ASTM A-106 B	1" SCH40 100	1042/10	50355026
SILO DOSADOR	TUBO	032.131A.026-R0	9	1	ASTM A-106 B	1" SCH40 100	1042/10	50355026
SILO DOSADOR	TUBO	032.151A.026-R0	5	1	ASTM A-106 B	1" SCH40 100	1042/10	50355026
SILO DOSADOR	TUBO	032.151A.026-R0	4	1	ASTM A-106 B	1" SCH40 100	1042/10	50355026
SILO DOSADOR	TUBO	032.171A.026-R0	10	7	ASTM A-106 B	1" SCH40 100	1042/10	50355026
SILO DOSADOR	TUBO	032.171A.026-R0	9	2	ASTM A-106 B	1" SCH40 100	1042/10	50355026
SILO DOSADOR	TUBO	032.153A.026-R0	5	3	ASTM A-106 B	1" SCH40 100	1042/10	50355026
SILO DOSADOR	TUBO	032.132A.026-R0	5	4	ASTM A-106 B	1" SCH40 100	1042/10	1
SILO DOSADOR	TUBO	032.173A.026-R0	5	1	ASTM A-106 B	1" SCH40 100	1042/10	
SILO DOSADOR	TUBO	032.173A.026-R0	4	1	ASTM A-106 B	1" SCH40 100	1042/10	
SILO DOSADOR	TUBO	032.110A.026-R0	7	2	ASTM A-106 B	1" SCH40 100	1042/10	
SILO DOSADOR	TUBO	032.110A.026-R0	6	6	ASTM A-106 B	1" SCH40 100	1042/10	
SILO DOSADOR	TUBO	032.152A.026-R0	10	1	ASTM A-106 B	1" SCH40 100	1042/10	
SILO DOSADOR	TUBO	032.152A.026-R0	9	1	ASTM A-106 B	1" SCH40 100	1042/10	
SILO DOSADOR	TUBO	032.133A.026-R0	9	8	ASTM A 100 B	1" SCH40 100	1042/10	
SILO DOSADOR	TUBO TUBO	032.133A.026-R0 032.134A.026-R0	8 5	6	ASTM A-106 B ASTM A-106 B	1" SCH40 100 1" SCH40 100	1042/10	
SILO DOSADOR SILO DOSADOR	TUBO	032.112B.026-R0	4	1	ASTM A-106 B	1" SCH40 100	1042/10	
SILO DOSADOR SILO DOSADOR	TUBO	032.112B.026-R0	5	1	ASTM A-106 B	1" SCH40 100	1042/10	
SILO DOSADOR SILO DOSADOR	TUBO	032.136A.026-R0	4	1	ASTM A-106 B	1" SCH40 100	1042/10	1
SILO DOSADOR	TUBO	032.154A.026-R0	9	8	ASTM A-106 B	1" SCH40 100	1042/10	
SILO DOSADOR	TUBO	032.154A.026-R0	8	2	ASTM A-106 B	1" SCH40 100	1042/10	
SILO DOSADOR	TUBO	032.021A.026-R0	7	8	ASTM A-106 B	8" SCH80 250	1031/10	
SILO DOSADOR	TUBO	032.021A.026-R0	7	8	ASTM A-106 B	8" SCH80 250	1219/10	
SILO DOSADOR	TUBO	032.050A.026-R0	15	1	ASTM A-106 B	1/4" SCH80 1150	464/06	50057228
SILO DOSADOR	TUBO	032.050A.026-R0	11	1	ASTM A-106 B	1/4" SCH80 206	464/06	50057228
SILO DOSADOR	TUBO	032.004A.026-R0	10	2	ASTM A-106 B	2" SCH80 8310	1189/10	50399419
SILO DOSADOR	TUBO	032.004A.026-R0	25	1	ASTM A-106 B	2" SCH80 8457	1189/10	50399419
SILO DOSADOR	TUBO	032.004A.026-R0	41	23	ASTM A-106 B	1" SCH40 215	1042/10	50355026
SILO DOSADOR	TUBO	032.045A.026-R0	1	1	ASTM A-106 B	5" SCH80 7835	803/10	50429709
SILO DOSADOR	TUBO	032.044A.026-R0	1	2	ASTM A-106 B	6" SCH120 29	1815/08	50312943
SILO DOSADOR	TUBO	032.014A.026-R0	3	6	ASTM A-106 B	6" SCH80 650	723/10	50421561
DUTOS DE AR E GASES	TUBO	023.089A.046-R0	9	1	ASTM A-106 B	6" SCH80 900	723/10	50421561
DUTOS DE AR E GASES	TUBO	023.089A.046-R0	7	1	ASTM A-106 B	6" SCH80 130	723/10	50421561
DUTOS DE AR E GASES	TUBO	023.089A.046-R0	5	1	ASTM A-106 B	6" SCH80 1678	723/10	50421561
DUTOS DE AR E GASES	TUBO	033.422A.044-R0	10	8	ASTM A-106 B	1.1/2" SCH80 788	1188/10	
DUTOS DE AR E GASES	TUBO	033.430A.044-R0	2	8	ASTM A-106 B	6" SCH40 1250	726/10	50423692
DUTOS DE AR E GASES	TUBO	033.430A.044-R0	2	8	ASTM A-106 B	6" SCH40 1250	1190/10	
DUTOS DE AR E GASES	TUBO	023.089A.046-R0	3	1	ASTM A 100 B	8" SCH80 1678	2130/10	
DUTOS DE AR E GASES	TUBO	023.089A.046-R0 034.003A.022-R0	7	1	ASTM A 106 B	8" SCH80 6782 2" SCH80 200	2131/10	
DESAERADOR DESAERADOR	TUBO TUBO	034.003A.022-R0	11	1	ASTM A-106 B ASTM A-106 B	2" SCH80 250	2083/10	
DESAERADOR	TUBO	034.002A.022-R0	7	1	ASTM A-106 B	2" SCH80 200	2083/10	1
DESAERADOR	TUBO	034.170A.022-R0	5	2	ASTM A-106 B	1" SCH40 100	1184/10	
DESAERADOR	TUBO	034.131A.022-R0	7	10	ASTM A-106 B	1" SCH40 100	1184/10	
DESAERADOR	TUBO	034.131A.022-R0	6	4	ASTM A-106 B	1" SCH40 100	1184/10	1
DESAERADOR	TUBO	034.132A.022-R0	8	4	ASTM A-106 B	1" SCH40 100	1184/10	
DESAERADOR	TUBO	034.132A.022-R0	5	4	ASTM A-106 B	1" SCH40 100	1184/10	
DESAERADOR	TUBO	034.113A.022-R0	4	2	ASTM A-106 B	1" SCH40 100	1184/10	
DESAERADOR	MEIA LUVA	034.002A.022-R0	31	2	ASTM A-105	1.1/2" 3000LBS NPT	1244/10	
DESAERADOR	FLANGE SO	034.002A.022-R0	19	1	ASTM A-105	10" 150LBS	489/09	4696/2
DESAERADOR	FLANGE SO	034.002A.022-R0	23	1	ASTM A-105	6" 150LBS	1443/10	860
DESAERADOR	FLANGE SO	034.002A.022-R0	33	1	ASTM A-105	4" 150LBS	1022/10	0526/10
DESAERADOR	FLANGE SO	034.002A.022-R0	20	1	ASTM A-105	3" 150LBS	1021/10	0526/10
DESAERADOR	FLANGE SO	034.002A.022-R0	22	1	ASTM A-105	2" 150LBS	1020/10	0526/10
DESAERADOR	FLANGE SO	034.002A.022-R0	21	4	ASTM A-105	1" 150LBS	052/05	5010381
DESAERADOR	FLANGE SO	034.002A.022-R0	21	4	ASTM A-105	1" 150LBS	915/08	2411/2
DESAERADOR	FLANGE SO	034.003A.022-R0	18	1	ASTM A-105	12" 150LBS	1019/10	0526/10
	FLANGE SO	034.003A.022-R0	8	3	ASTM A-105	6" 150LBS	1023/10	0526/10
DESAERADOR	I LANGE 30							1
	FLANGE SO	034.003A.022-R0	8	3	ASTM A-105	6" 150LBS	1024/10	0526/10
DESAERADOR		034.003A.022-R0 034.003A.022-R0	8	3	ASTM A-105 ASTM A-105	6" 150LBS 6" 150LBS	1024/10 1443/10	
DESAERADOR DESAERADOR	FLANGE SO							860
DESAERADOR DESAERADOR DESAERADOR	FLANGE SO FLANGE SO	034.003A.022-R0	8	3	ASTM A-105	6" 150LBS	1443/10	860 508279



DATA 08/06/2011

 CLIENTE :
 COMASA

 IDENT. DO EQUIP:
 BGV-90.000

 ORDEM DE SERVIÇO :
 4570 2009

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COMPONENTE	PARTE	N° DESENHO	POS.	QTD.	MATERIAL	DIMENSÕES	C.R.	Nº CERTIFICADO
DESAERADOR	CHAPA	034.251B.022-R0	1	1	ASTM A-516 º70	5/16" X 14,480M <sup>2</sup>	1004/10	1854722
DESAERADOR	TAMPO	034.252A.022-R0	2	2	A - 516°70	Ø 1815,8EXT X 1800INT X 5/16	1007/10	263395
DESAERADOR	TAMPO	034.252A.022-R0	1	2	A - 516°70	Ø 3019EXT X 3000INT X 3/8"	1012/10	508279
DESAERADOR	TUBO INOX	034.015A.022-R0	17	1	A-312	6" X SCH80s 2100	2010/08	76377
DESAERADOR	TUBO INOX	034.015A.022-R0	14	6	A-312	3/4" X SCH40s 20	2010/08	76377
DESAERADOR	BARRA REDONDA TREFILADA	034.009A.022-R0	4	8	AISI - 304	Ø 16 X 140	984/10	234108
DESAERADOR	BARRA REDONDA TREFILADA	034.009A.022-R0	3	8	AISI - 304	Ø 60 X 22	982/10	234106
DESAERADOR	TUBO AÇO INOX	034.009A.022-R0	1	8	ASTM A-312	2.1/2" X 70 SCH80s	2013/08	76377
DESAERADOR	TUBO AÇO INOX	034.009A.022-R0	10	8	ASTM A-312	3" X 40 SCH10s	139/09	80038
DESAERADOR	CHAPA		1	1	ASTM A-516 º70	5/16" X 9,590m²	1007/10	263395
DESAERADOR	CHAPA		1	1	ASTM A-516 º70	3/8" X 16,320m²	965/09	405933
DESAERADOR	CHAPA	004 4504 000 50	1	1	ASTM A-516 º70	3/8" X 9,490m²	965/09	405933
DESAERADOR	TUBO	034.153A.022-R0	8	2	ASTM A-106 B	1" SCH40 100	1184/10	50370253
DESAERADOR	TUBO	034.153A.022-R0	7	2	ASTM A-106 B	1" SCH40 100	1184/10	50370253
DESAERADOR	TUBO TUBO	034.173A.022-R0	7	2	ASTM A 100 B	1" SCH40 100	1184/10	50370253
DESAERADOR	TUBO	034.173A.022-R0	5	4	ASTM A 106 B	1" SCH40 100	1184/10	50370253
DESAERADOR DESAERADOR	TUBO	034.110A.022-R0 034.112A.022-R0	5	4	ASTM A-106 B ASTM A-106 B	1" SCH40 100 1" SCH40 100	1184/10 1184/10	50370253 50370253
DESAERADOR	TUBO	034.111A.022-R0	6	4	ASTM A-100 B	1" SCH40 100	1184/10	50370253
DESAERADOR	TUBO	034.111A.022-R0	5	2	ASTM A-106 B	1" SCH40 100	1184/10	50370253
DESAERADOR	TUBO	034.174A.022-R0	7	1	ASTM A-106 B	1" SCH40 100	1184/10	50370253
DESAERADOR	TUBO	034.174A.022-R0	6	1	ASTM A-106 B	1" SCH40 100	1184/10	50370253
DESAERADOR	TUBO	034.172A.022-R0	8	1	ASTM A-106 B	1" SCH40 100	1184/10	50370253
DESAERADOR	TUBO	034.172A.022-R0	7	1	ASTM A-106 B	1" SCH40 100	1184/10	50370253
DESAERADOR	TUBO	034.171A.022-R0	8	1	ASTM A-106 B	1" SCH40 100	1184/10	50370253
DESAERADOR	TUBO	034.171A.022-R0	7	1	ASTM A-106 B	1" SCH40 100	1184/10	50370253
DESAERADOR	TUBO	034.133A.022-R0	5	10	ASTM A-106 B	1" SCH40 100	1184/10	50370253
DESAERADOR	TUBO	034.133A.022-R0	4	4	ASTM A-106 B	1" SCH40 100	1184/10	50370253
DESAERADOR	TUBO	034.151A.022-R0	8	2	ASTM A-106 B	1" SCH40 100	1184/10	50370253
DESAERADOR	TUBO	034.151A.022-R0	7	2	ASTM A-106 B	1" SCH40 100	1184/10	50370253
DESAERADOR	TUBO	034.130A.022-R0	5	10	ASTM A-106 B	1" SCH40 100	1184/10	50370253
DESAERADOR	TUBO	034.114A.022-R0	4	2	ASTM A-106 B	1" SCH40 100	1184/10	50370253
DESAERADOR	TUBO	034.152A.022-R0	4	1	ASTM A-106 B	1" SCH40 100	1184/10	50370253
DESAERADOR	TUBO	034.003A.022-R0	6	1	ASTM A-106 B	12" SCH80 280	470/08	50329687
DESAERADOR	TUBO	034.003A.022-R0	10	2	ASTM A-106 B	10" SCH80 630	1061/10	50397987
DESAERADOR	TUBO	034.003A.022-R0	17	1	ASTM A-106 B	6" SCH80 900	1536/08	50344507
DESAERADOR	TUBO	034.003A.022-R0	16	1	ASTM A-106 B	6" SCH80 250	724/10	50421561
DESAERADOR	TUBO	034.003A.022-R0	15	2	ASTM A-106 B	1/2" SCH80 200	2380/08	50372523
DESAERADOR	TUBO	034.002A.022-R0	13	1	ASTM A-106 B	10" SCH80 250	1061/10	50397987
DESAERADOR	TUBO	034.002A.022-R0	15	1	ASTM A-106 B	6" SCH80 984	724/10	50421561
DESAERADOR	TUBO	034.002A.022-R0	14	1	ASTM A-106 B	6" SCH80 750	724/10	50421561
DESAERADOR	TUBO	034.002A.022-R0	32	1	ASTM A-106 B	4" SCH80 250	008/08	50208720
DESAERADOR	TUBO	034.002A.022-R0	30	1	ASTM A-106 B	3" SCH80 250	1083/08	50331708
DESAERADOR	TUBO	034.002A.022-R0	12		ASTM A 100 B	1.1/2" SCH80 250	1046/10	
DESAERADOR	TUBO	034.002A.022-R0	27	2	ASTM A 100 B	1" SCH80 504	432/10	50249173
DESAERADOR	TUBO	034.002A.022-R0	8	2	ASTM A 100 B	1" SCH80 650	432/10	50249173
DESAERADOR DESAERADOR	TUBO TUBO	034.002A.022-R0 034.002A.022-R0	10 29	1	ASTM A-106 B ASTM A-106 B	3/4" SCH80 200 1/2" SCH80 200	1049/10 2380/08	50433637 50372523
DESAERADOR	TUBO	034.002A.022-R0	28	2	ASTM A-106 B	1/2" SCH80 200	2380/08	50372523
DESAERADOR	TUBO	034.002A.022-R0	9	2	ASTM A-106 B	1/2" SCH80 650	2380/08	50372523
TANQUE DESCARGA DE FUNDO		036.002A.017-R0	4	2	ASTM A-234 WPE		222/10	24055213
TANQUE DESCARGA DE FUNDO		036.002A.017-R0	7	1	ASTM A-234 WPE		583/10	24195106
TANQUE DESCARGA DE FUNDO		036.002A.017-R0	11	1	ASTM A-234 WPE		351/10	24115523
TANQUE DESCARGA DE FUNDO		036.002A.017-R0	37	1	ASTM A-105	1/2" X 50mm 3000LBS SW/NP	1427/08	2904/1
TANQUE DESCARGA DE FUNDO		036.002A.017-R0	14	1	ASTM A-234 WPE	3" SCH80	1996/08	22319302
TANQUE DESCARGA DE FUNDO		036.002A.017-R0	6	1	ASTM A-234 WPE	3" X 2" SCH80	592/10	24195115
TANQUE DESCARGA DE FUNDO		036.002A.017-R0	15		ASTM A-234 WPE		312/10	24115561
TANQUE DESCARGA DE FUNDO		036.002A.017-R0	36	1	ASTM A-105	4" 150LBS	358/10	24115534
TANQUE DESCARGA DE FUNDO	FLANGE SO	036.002A.017-R0	41	1	ASTM A-105	3" 150LBS	357/10	24115533
TANQUE DESCARGA DE FUNDO	FLANGE SO	036.002A.017-R0	32	3	ASTM A-105	2" 150LBS	160/10	24028021
TANQUE DESCARGA DE FUNDO	FLANGE SO	036.002A.017-R0	32	3	ASTM A-105	2" 150LBS	356/10	24115532
TANQUE DESCARGA DE FUNDO	TUBO	036.002A.017-R0	20	1	ASTM A-106 B	4" SCH80 435	437/10	50296786
TANQUE DESCARGA DE FUNDO	TUBO	036.002A.017-R0	18	1	ASTM A-106 B	3" SCH80 82	732/10	50397003
TANQUE DESCARGA DE FUNDO	TUBO	036.002A.017-R0	17	1	ASTM A-106 B	3" SCH80 679	732/10	50397003
TANQUE DESCARGA DE FUNDO	TUBO	036.002A.017-R0	3	1	ASTM A-106 B	3" SCH80 710	1629/08	50349678
TANQUE DESCARGA DE FUNDO	TUBO	036.002A.017-R0	39	2	ASTM A-106 B	2.1/2" SCH80 100	338/05	50126531
TANQUE DESCARGA DE FUNDO	TUBO	036.002A.017-R0	21	1	ASTM A-106 B	2" SCH80 422	440/07	50257525
TANQUE DESCARGA DE FUNDO	TUBO	036.002A.017-R0	5	1	ASTM A-106 B	2" SCH80 115	440/07	50257525



DATA 08/06/2011

MARQUE DESCARGA DE FUNDO   TURDO   008.000.00 JP. 00   1	ONDEW DE SERVIÇO .		_						
MANDUE DESCARGAD DE FUNDO				POS.		MATERIAL	DIMENSÕES	C.R.	Nº CERTIFICADO
TANDUE DESCARGA DE FLANDO TUBO 08.0009A0 17:P0 N 18 1 ASTM A 1008 B 2° SCHROD 251 44:0077 MISCARDO TUBO 08.0009A0 17:P0 N 18 1 ASTM A 1008 B 2° SCHROD 251 44:0077 MISCARDO TUBO 08.0009A0 17:P0 N 18 1 ASTM A 1008 B 2° SCHROD 152 44:0077 MISCARDO MISCARDO TUBO 08.0009A0 17:P0 N 18 1 ASTM A 1008 B 2° SCHROD 150 MISCARDO MISCARDO TUBO 08.0009A0 17:P0 N 18 1 ASTM A 1008 B 112° SCHROD 150 MISCARDO MISCARDO TUBO 08.0009A0 17:P0 N 1 ASTM A 1008 B 112° SCHROD 150 MISCARDO MISCARDO MISCARDO TUBO 08.0009A0 17:P0 N 1 ASTM A 1008 B 1 ASTM A 1008 B 1 12° SCHROD 150 MISCARDO MISCARDO MISCARDO MISCARDO TUBO 08.0009A0 17:P0 N 1 ASTM A 1008 B 1 ASTM A 1008 B 1 12° SCHROD 150 MISCARDO MISCARDO MISCARDO MISCARDO TUBO 08.0009A0 17:P0 N 1 ASTM A 1008 B 1 ASTM A	TANQUE DESCARGA DE FUNDO	TUBO	036.002A.017-R0	19	2	ASTM A-106 B	2" SCH80 426	440/07	50257525
TAMOUR DESCARGA DE FUNDO   TURD	TANQUE DESCARGA DE FUNDO	TUBO	036.002A.017-R0	2	1	ASTM A-106 B	2" SCH80 136	440/07	50257525
TAMOUR DESCARGA DE FUNDO TURO DAS GRADA 17 RO 12 1 1 ASTM A 100 B 1 127 SCHOOL 130 45907 SISTESS TAMOUR DESCARGA DE FUNDO TURO DAS GRADA 17 RO 18 1 1 ASTM A 100 B 1 127 SCHOOL 130 5117 SISTESS TAMOUR DESCARGA DE FUNDO TURO DAS GRADA 17 RO 18 1 1 ASTM A 100 B 1 127 SCHOOL 130 5117 SISTESS TAMOUR DESCARGA DE FUNDO TAMOTO DESCARGA CONTINUA TURO O 77 DOZA DO RO 10 1 A TORO TAMOTO DESCARGA 17 RO 12 1 1 VIDE CERTIF. TURO DESCARGA CONTINUA TURO O 77 DOZA DO RO 10 1 A TORO TAMOTO DESCARGA 17 RO 10 1 A TORO TAMOTO DESCARGA CONTINUA TURO O 77 DOZA DO RO 10 1 A TORO TAMOTO DESCARGA 17 RO 10 1 A TORO TAMOTO DESCARGA CONTINUA TURO O 77 DOZA DO RO 10 1 A TORO TAMOTO DESCARGA TORO TAMOTO DESCARGA CONTINUA TURO O 77 DOZA DO RO 10 1 A TORO TAMOTO DESCARGA TORO TAMOTO DESCARGA CONTINUA TURO O 77 DOZA DO RO 10 1 A TORO TAMOTO DESCARGA TORO TAMOTO DESCARGA CONTINUA TURO O 77 DOZA DO RO 10 1 A TORO TAMOTO DESCARGA CONTINUA TURO O 77 DOZA DO RO 10 1 A TORO TAMOTO DESCARGA TORO TAMOTO DESCARGA CONTINUA TURO O 77 DOZA DO RO 10 1 A TORO TAMOTO DESCARGA CONTINUA TURO O 77 DOZA DO RO 10 1 A TORO TAMOTO DESCARGA CONTINUA TURO O 77 DOZA DO RO 10 TORO TAMOTO DESCARGA CONTINUA TURO O 77 DOZA DO RO 10 1 A TORO TAMOTO DESCARGA CONTINUA TURO DESCARGA CONTINUA TURO O 77 DOZA DO RO 10 1 A TORO TAMOTO DESCARGA CONTINUA TURO DESCARGA CONTINUA TURO O 77 DOZA DO RO 10 TORO TAMOTO DESCARGA CONTINUA TURO TORO TAMOTO DESCARGA CONTINUA TURO TURO TAMOTO DESCARGA CONTINU			1						
TAMOUL BESCARGA DE FUNDO									
TAMOULD EDSCARDAG DE FUNDO									
TANOLE DESCARGA DE FUNDO TAMPO 000.0024.017 PG 20 1 A. 255 C. 9 919EKT 9000T1 Nº 10 10500									
TAMOUE DESCARGA DE FINNO									
TANQUE DESCARGA CONTINUA									
TRANQUE DESCARGAC CONTINUA TUBO 0.57000A.0P.R. 20 1 ASTM A.106 B 2* SCR019 10 44907 SESSYSSES TRANQUE DESCARGAC CONTINUA TUBO 0.57000A.0P.R. 15 1 ASTM A.106 B 2* SCR019 10 44907 SESSYSSES TRANQUE DESCARGAC CONTINUA TUBO 0.5700A.0P.R. 16 1 ASTM A.106 B 2* SCR019 10 44907 SESSYSSES TRANQUE DESCARGAC CONTINUA TUBO 0.5700A.0P.R. 16 1 ASTM A.106 B 2* SCR019 10 44907 SESSYSSES TRANQUE DESCARGAC CONTINUA TUBO 0.5700A.0P.R. 16 1 ASTM A.106 B 2* SCR019 10 44907 SESSYSSES TRANQUE DESCARGAC CONTINUA TUBO 0.5700A.0P.R. 16 1 ASTM A.106 B 2* SCR019 10 44907 SESSYSSES TRANQUE DESCARGAC CONTINUA TUBO 0.5700A.0P.R. 16 1 ASTM A.106 B 1* SCR019 20 100900 SESSYSSES TRANQUE DESCARGAC CONTINUA FURDO 0.5700A.0P.R. 16 1 ASTM A.106 B 1* SCR019 20 100900 SESSYSSES TRANQUE DESCARGAC CONTINUA FURDO 0.5700A.0P.R. 17 ASTM A.106 B 1* SCR019 20 100900 SESSYSSES TRANQUE DESCARGAC CONTINUA FURDO 0.5700A.0P.R. 17 ASTM A.106 B 1* SCR019 20 100900 SESSYSSES TRANQUE DESCARGAC CONTINUA FURDO 0.5700A.0P.R. 17 ASTM A.106 B 1* SCR019 20 100900 SESSYSSES TRANQUE DESCARGAC CONTINUA FURDO 0.5700A.0P.R. 18 ASTM A.106 B 1* SCR019 20 100900 SESSYSSES TRANQUE DESCARGAC CONTINUA FURDO 0.5700A.0P.R. 18 ASTM A.106 B 1* SCR018 20 20 20 20 20 20 20 20 20 20 20 20 20									
TRADUC BESCARGA CONTINUA									
TAMOUR DESCAME CONTINUA   TURD									
TRANQUE DESCARGA CONTINUA   TUBO									
TANQUE DESCARGA CONTINUA	TANQUE DESCARGA CONTÍNUA		037.002A.00-R0	18	1				
TANQUE DESCARGA COMTRUA   FLANCE SO   037.00AA.010-R0   2   1   ASTM A-105   2*150.RS   95910   24*1503.RS   1906   24*1503.	TANQUE DESCARGA CONTÍNUA	TUBO	037.002A.00-R0	16	1	ASTM A-106 B	1" SCH80 220	1099/09	50397022
TANQUE DESCARGA CONTINUA   FLANCE SD   037 004A 010 R0   6   2   ASTM A 105   34*1500.BS   51906   20007146	TANQUE DESCARGA CONTÍNUA	TUBO	037.002A.00-R0	7	3	ASTM A-106 B	1" SCH80 220	1099/09	50397022
TANQUE DESCARGA CONTÍNUA   FLANCE SO   037.004A.010-R0   8   2   ASTM A-105   241.150.LBS   21.000   20.0000   20.000   20.000   20.000   20.000   20.000   20.000   20.0000   20.0000   20.0000   20.0000   20.0000   20.0000   20.0000   20.0000   20.0000   20.0000   20.0000   20.0000   20.0000   20.0000   20.0000   20.00000   20.00000   20.00000   20.00000   20	TANQUE DESCARGA CONTÍNUA	FLANGE SO	037.006A.010-R0	2	1	ASTM A-105	2" 150LBS	355/10	24115531
TANQUE DESCARGA CONTINUA   FLANCE SO   037.004A.010-RD   8   2   ASTM A.105   11*50LBS   05205   056009   20737	TANQUE DESCARGA CONTÍNUA	FLANGE SO	037.004A.010-R0	6	2	ASTM A-105	3/4" 150LBS	519/06	2006/7164
TANQUE DESCARGA CONTINUA   FLANGE SO   037.002A.010-R0   1   1   ASTM A-105   1 - 110.0LBS   308.000   367.002A.010-R0   17   1   ASTM A-105   2 - 150.LBS   388.10   241.15331   TANQUE DESCARGA CONTINUA   FLANGE SO   037.002A.010-R0   37   1   ASTM A-105   2 - 150.LBS   388.10   241.15331   TANQUE DESCARGA CONTINUA   LUVA   037.002A.010-R0   30   1   ASTM A-105   12 \ X50mm 3000LBS W IPT 142708   20041   TANQUE DESCARGA CONTINUA   LUVA   037.002A.010-R0   31   2 \ STM A-254 MP   3 \ SCHIM 3000LBS W IPT 142708   20041   TANQUE DESCARGA CONTINUA   LUVA   037.002A.010-R0   4   2   ASTM A-105   27 \ X50mm 3000LBS W IPT 142708   20041   TANQUE DESCARGA CONTINUA   TAMPO   037.002A.010-R0   4   2   ASTM A-105   27 \ X50mm 3000LBS W IPT 142708   20041   TANQUE DESCARGA CONTINUA   TAMPO   037.002A.010-R0   4   1   A \ 285 C   0 \ 3182XT X 900INT X 1/4"   105307   166601   TANQUE DESCARGA CONTINUA   TAMPO   037.002A.010-R0   2   1   A \ 285 C   0 \ 3182XT X 900INT X 1/4"   105307   166601   TANQUE DESCARGA CONTINUA   TUBO   037.002A.010-R0   2   1   A \ 285 C   0 \ 3182XT X 900INT X 1/4"   105307   166601   TANQUE DESCARGA CONTINUA   TUBO   037.002A.010-R0   1   2   ASTM A-106 B   3 \ 35 CH0 70   17910   27309   27309	TANQUE DESCARGA CONTÍNUA	FLANGE SO	037.004A.010-R0	6	2	ASTM A-105	3/4" 150LBS	212/07	2007/1935
TANQUE DESCARGA CONTÍNUA	TANQUE DESCARGA CONTÍNUA	FLANGE SO	037.004A.010-R0	8	2	ASTM A-105	1" 150LBS	052/05	5010381
TANQUE DESCARGA CONTINUA	TANQUE DESCARGA CONTÍNUA	FLANGE SO	037.004A.010-R0	8	2	ASTM A-105	1" 150LBS	2086/08	3627/2
TANQUE DESCARGA CONTINUA	TANQUE DESCARGA CONTÍNUA	FLANGE SO	037.002A.010-R0	21	1	ASTM A-105	4" 150LBS	358/10	24115534
TANQUE DESCARGA CONTÍNUA  LUVA  Q37,004A,010-R0  4  2  ASTM A-195  Q37,002A,010-R0  4  1  A-285 C  Q319EXTX 900BNT X 14" 105307  1664691  TANQUE DESCARGA CONTÍNUA  TAMPO  Q37,002A,010-R0  Q37,0	TANQUE DESCARGA CONTÍNUA	FLANGE SO	037.002A.010-R0	17	1	ASTM A-105	2" 150LBS	355/10	24115531
TANQUE DESCARGA CONTÍNUA TAMPO 37.002A.010-R0 4 1 1 A - 285-C 37.002EXT 9000NT X 14" 1053/07 1654/691 TANQUE DESCARGA CONTÍNUA TAMPO 37.002A.010-R0 2 1 A - 285-C 37.002EXT 9000NT X 14" 1053/07 1654/691 TANQUE DESCARGA CONTÍNUA TUBO 37.002A.010-R0 7 4 A 587M A - 106 B 1" SCH80 170 153/07 1654/691 TANQUE DESCARGA CONTÍNUA TUBO 37.004A.010-R0 7 4 A 587M A - 106 B 1" SCH80 170 153/07 1654/691 TANQUE DESCARGA CONTÍNUA TUBO 37.004A.010-R0 7 4 A 587M A - 106 B 1" SCH80 170 153/07 1654/691 TANQUE DESCARGA CONTÍNUA TUBO 37.004A.010-R0 1 2 1 A 587M A - 106 B 3" SCH40 780 1774/10 1954/691 TANQUE DESCARGA CONTÍNUA TUBO 37.004A.010-R0 1 1 1 VIDE CERTIFE 114" A - 285 6, 555mm 1053/07 1654/691 TANQUE DESCARGA CONTÍNUA TUBO 37.006A.010-R0 1 1 1 VIDE CERTIFE 114" A - 285 6, 555mm 1053/07 1654/691 TANQUE DESCARGA CONTÍNUA TUBO 37.006A.010-R0 1 1 1 VIDE CERTIFE 114" A - 285 6, 555mm 1053/07 1654/691 TANQUE DESCARGA CONTÍNUA TUBO 37.006A.010-R0 1 1 1 VIDE CERTIFE 114" A - 285 6, 555mm 1053/07 1654/691 CONDENSADOR TUBO 38.002A.003-R0 1 1 1 ASTM A - 106 B 2" SCH80 114 291/10 1954/1987 CONDENSADOR TUBO 38.002A.003-R0 1 19 1 ASTM A - 106 B 2" SCH80 114 291/10 1954/692 CONDENSADOR TUBO 38.002A.003-R0 1 19 1 ASTM A - 106 B 2" SCH 80 1 120/10 1964/69 CONDENSADOR TUBO 38.002A.003-R0 7 1 ASTM A - 106 B 2" SCH 80 1 120/10 1964/69 CONDENSADOR CONDENSADOR CHAPA CONDENSADOR CHAPA CONDENSADOR CHAPA CONDENSADOR FLANGE GORDORADOR FLANGE GORDORADO	TANQUE DESCARGA CONTÍNUA	LUVA	037.002A.010-R0	30	1	ASTM A-105	1/2" X 50mm 3000LBS SW NP	1427/08	2904/1
TANDUE DESCARGA CONTÍNUA TAMPO 037.002A.010-R0 2 1 1 A-285.C 0 918EXTX 900NTX 1/4" 105307 156691 TANQUE DESCARGA CONTÍNUA TUBO 037.002A.010-R0 2 1 1 A-285.C 0 918EXTX 900NTX 1/4" 105307 156691 TANQUE DESCARGA CONTÍNUA TUBO 037.004A.010-R0 7 4 ASTM A-106 B 1"SCH80 130" 27209 MV7789 TANQUE DESCARGA CONTÍNUA TUBO 037.004A.010-R0 1 2 2 ASTM A-106 B 3"SCH80 170 13510 5075710 TANQUE DESCARGA CONTÍNUA TUBO 037.004A.010-R0 1 2 1 ASTM A-106 B 3"SCH80 780 170 504001-R0 1 1 VIDE CERTIF. TANQUE DESCARGA CONTÍNUA CHAPA ASTM 037.052A.010-R0 1 1 1 VIDE CERTIF. 11 ASTM A-106 B 3"SCH80 780 170 504401-R0 1 1 VIDE CERTIF. 11 ASTM A-106 B 3"SCH80 780 170 504401-R0 1 1 VIDE CERTIF. 11 ASTM A-106 B 3"SCH80 170 150 504401-R0 1 1 VIDE CERTIF. 11 ASTM A-106 B 3"SCH80 170 150 504401-R0 1 1 VIDE CERTIF. 11 ASTM A-106 B 3"SCH80 170 150 504401-R0 1 1 VIDE CERTIF. 11 ASTM A-106 B 3"SCH80 1 1 VIDE CERTIF. 11 ASTM A-106 B 3"SCH80 1 VIDE CERTIF. 11 ASTM A-106 B 3"SCH80 1 VIDE CERTIF. 12 ASTM A-106 B 3"SCH80 1 VIDE CERTIF. 13 ASTM A-106 B 3"SCH80 1 VIDE CERTIF. 14 ASTM A-106 B 3"SCH80 1 VIDE CERTIF. 15 ASTM A-106 B 3"SCH80 1 VIDE CERTIF. 15 ASTM A-106 B 3"SCH80 1 VIDE CERTIF. 16 ASTM A-106 B 3"SCH80 1 VIDE CERTIF. 17 ASTM A-106 B 3"SCH80 1 VIDE CERTIF. 18 ASTM A-106 B 3"SCH80 1 VIDE CERTIF. 19 ASTM A-106 B 3"SCH80 1 VIDE CERTIF. 19 ASTM A-106 B 3"SCH80 1 VIDE CERTIF. 10 ASTM A-106 B 3"SCH80 1 V	TANQUE DESCARGA CONTÍNUA								3152
TANQUE DESCARGA CONTÍNUA TANQUE DESCARGA CONTÍNUA TUBO 037.004A.010-R0 1 2 1 A - 285-C 0918EXT X.900NT X 1/4* (05307) 1864491 TANQUE DESCARGA CONTÍNUA TUBO 037.004A.010-R0 1 2 ASTM A-106 B 1* SCH80 130 27309 M/7039 TANQUE DESCARGA CONTÍNUA TUBO 037.004A.010-R0 1 1 2 ASTM A-106 B 3* SCH40 780 17910 S644594 TANQUE DESCARGA CONTÍNUA TUBO 037.004A.010-R0 1 1 1 NIDECERTIE. 1/4* ASES SSMm 150307 1864491 TANQUE DESCARGA CONTÍNUA TUBO 037.004A.010-R0 1 1 1 NIDECERTIE. 1/4* ASES SSMm 150307 S6440-R0 1 1 1 NIDECERTIE. 1/4* ASES SSMm 150307 S6440-R0 1 1 1 NIDECERTIE. 1/4* ASES SSMm 150307 S6440-R0 1 1 1 NIDECERTIE. 1/4* ASES SSMm 150307 S6440-R0 1 1 1 NIDECERTIE. 1/4* ASES SSMm 150307 S6440-R0 1 1 1 NIDECERTIE. 1/4* ASES SSMm 150307 S6440-R0 1 1 1 NIDECERTIE. 1/4* ASES SSMm 150307 S6440-R0 1 1 1 NIDECERTIE. 1/4* ASES SSMm 150307 S6440-R0 1 1 1 NIDECERTIE. 1/4* ASES SSMm 150307 S6440-R0 1 1 1 NIDECERTIE. 1/4* ASES SSMm 150307 S6440-R0 1 1 1 NIDECERTIE. 1/4* ASEM A-106 B 2* SCH80 11 42 291/10 S644087 CONDENSADOR TUBO 058.002A.003-R0 1 1 1 ASTM A-106 B 2* SCH80 1 12201/10 S644087 CONDENSADOR TUBO 058.002A.003-R0 1 1 1 ASTM A-106 B 2* SCH80 1 12201/10 S644087 CONDENSADOR TUBO 058.002A.003-R0 1 1 1 ASTM A-106 B 2* SCH80 1 12201/10 S644087 CONDENSADOR CONDENSADOR GAPA  CONDENSADOR GAPA  CONDENSADOR GAPA  CONDENSADOR REDUÇÃO CONCENTRICA 058.002A.003-R0 2 8 2 ASTM A-106 C 2* SCH80 1 11/11 SCH80499 SUPER AQUECEDOR PRIMÁRIO CONDENSADOR FLANGE 058.002A.003-R0 2 8 2 ASTM A-106 C 2* SCH80 1 11/11 SCH80499 SUPER AQUECEDOR PRIMÁRIO TUBO 044570.023.004-R0 1 1 1 STM A-234 L 2* SCH80 2 298410 S054899 SUPER AQUECEDOR PRIMÁRIO TUBO 044570.023.004-R0 1 1 1 1 STM A-234 L 2* STM A-106 L 2* SCH80 2 298410 S054899 SUPER AQUECEDOR PRIMÁRIO TUBO 044570.023.004-R0 1 1 1 1 STM A-234 L 2* STM A-106 L 3* STM A-106 L									
TANQUE DESCARGA CONTINUA  TUBO  037.094.010-R0  1 2 ASTM A-108 B  11 SCH90 130  273.09  MA7039  TANQUE DESCARGA CONTINUA  TUBO  037.094.010-R0  1 2 ASTM A-108 B  34"SCH90 170  13510  5007540  17910  5007540  1791	,			_					
TANQUE DESCARGA CONTÍNUA   TUBO   037.004A.010-R0   1   2   ASTM A-106 B   34" SCH80 170   15510   5057840   170	,								
TANQUE DESCARGA CONTÍNUA  TUBO  037.09A.010-R0  1 1 ASTM A-106 B  3**SCH40 789   179/10   50416984   TANQUE DESCARGA CONTÍNUA  TUBO  037.09A.010-R0  1 1 ASTM A-106 B  3**SCH40 789   179/10   50416984   TUBO  037.09A.010-R0  1 1 ASTM A-106 B  3**SCH40 789   179/10   TUBO  037.09A.010-R0  1 1 ASTM A-106 B  3**SCH40 789   105/907   TUBO  058.002A.003-R0  1 1 ASTM A-106 B  5**SCH 160   251/11   SCH160 R  25/SCH 160   220/10   TUBO  CONDENSADOR  TUBO  058.002A.003-R0  7 1   ASTM A-106 B  2**SCH 80   1220/10   TUBO  CONDENSADOR  TUBO  058.002A.003-R0  7 2   ASTM A-106   20**SCH 80   1220/10   TUBO  CONDENSADOR  TUBO  CONDENSADOR  TUBO  058.002A.003-R0  9 2 ASTM A-106   20**SCH 80   1220/10   TUBO  CONDENSADOR  GONDENSADOR  GAP  058.002A.003-R0  3 2 ASTM A-106   20**SCH 80   1220/10   TUBO  CONDENSADOR  GAP  058.002A.003-R0  3 2 ASTM A-106   20**SCH 80   1220/10   TUBO  CONDENSADOR  GAP  058.002A.003-R0  3 2 ASTM A-106   20**SCH 80   311/11   TUBO  CONDENSADOR  GENUÇÂC CONDENSADOR  FELANGE  058.002A.003-R0  28 2 ASTM A-105   20**SCH 80   311/11   TUBO  CONDENSADOR  FELANGE  058.002A.003-R0  28 2 ASTM A-106   20**SCH 80   311/11   TUBO  CONDENSADOR  FELANGE  058.002A.003-R0  28 2 ASTM A-105   20**SCH 80   311/11   TUBO  DA4570.023.004-R0   25   25   25   25   TUBO  DA4570.023.004-R0   25   25   25   25   TUBO  DA4570.023.004-R0   26   25   25   TUBO  DA4570.023.004-R0   26   25   25   25   TUBO  DA4570.023.004-R0   26   25   TUBO  DA4570.023.004-R0   27   27   TUBO  DA4570.023.004-R0   27   TUBO  DA4570.0					_				
TANQUE DESCARGA CONTÍNUA									
TANQUE DESCARGA CONTÍNUA   TUBO	,								
CONDENSADOR TUBO 058.002A.003-R0 11 ASTM A-106 2*SCH 80 45:01 504:8888  CONDENSADOR TUBO 058.002A.003-R0 19 1 ASTM A-106 2*SCH 80 45:05 20005  CONDENSADOR TUBO 058.002A.003-R0 7 1 ASTM A-106 2*SCH 80 1220:10 1804:09  CONDENSADOR TUBO 058.002A.003-R0 7 1 ASTM A-106 2*SCH 80 1220:10 1804:09  CONDENSADOR TUBO 058.002A.003-R0 9 2 ASTM A-106 20*SCH 80 1220:10 1804:09  CONDENSADOR CHAPA 1 ASTM A-106 20*SCH 80 1220:10 1804:09  CONDENSADOR CHAPA 058.002A.003-R0 9 2 ASTM A-106 20*SCH 80 131:11 14:183  CONDENSADOR REDUÇÃO CONCENTRICA 058.002A.003-R0 26 1 ASTM A-234 20*SCH 80 31:11 14:183  CONDENSADOR REDUÇÃO CONCENTRICA 058.002A.003-R0 26 1 ASTM A-234 4*X 3*SCH 160 16:15:10 916  CONDENSADOR FLANCE 058.002A.003-R0 26 2 ASTM A-105 5*SCH 160 31:01 1 14:183  SUPER AQUECEDOR PRIMARIO CAPS 058.002A.003-R0 12 2 ASTM A-105 5*SCH 160 31:01 1 14:183  SUPER AQUECEDOR PRIMARIO TUBO 054.003-R0 28 02 1 ASTM A-105 5*SCH 160 31:01 1 14:183  SUPER AQUECEDOR PRIMARIO TUBO DA4570.023.004-R0 6 42 ASTM A-192 2*#4,25 X 488 1083:10 504:88979  SUPER AQUECEDOR PRIMARIO TUBO DA4570.023.004-R0 6 42 ASTM A-192 2*#4,25 X 488 1083:10 504:88979  SUPER AQUECEDOR PRIMARIO TUBO DA4570.023.004-R0 5 42 ASTM A-192 2*#4,25 X 488 1083:10 504:88979  SUPER AQUECEDOR PRIMARIO TUBO DA4570.023.004-R0 5 42 ASTM A-192 2*#4,25 X 488 1083:10 504:88979  SUPER AQUECEDOR PRIMARIO TUBO DA4570.023.004-R0 5 42 ASTM A-192 2*#4,25 X 8985 1063:10 504:88979  SUPER AQUECEDOR PRIMARIO TUBO DA4570.023.004-R0 1 1 ASTM A-192 2*#4,25 X 8985 1063:10 504:88979  SUPER AQUECEDOR PRIMARIO TUBO DA4570.023.004-R0 1 1 42 ASTM A-192 2*#4,25 X 8985 1063:10 504:88979  SUPER AQUECEDOR PRIMARIO TUBO DA4570.023.004-R0 1 1 42 ASTM A-192 2*#4,25 X 8985 1063:10 504:88979  SUPER AQUECEDOR PRIMARIO TUBO DA4570.023.004-R0 1 142 ASTM A-193 111 2*#3,75 X 8796 1525:08 505:5689  SUPER AQUECEDOR PRIMARIO TUBO DA4570.023.004-R0 1 142 ASTM A-213 T11 2*#3,75 X 8796 1525:08 505:5689  SUPER AQUECEDOR PRIMARIO TUBO DA4570.023.004-R0 1 142 ASTM A-213 T11 2*#3,75 X 8796 1525:08 505:5689  SUPER AQUECEDOR PRIMARIO TUB									
CONDENSADOR TUBO 058.002A.003-R0 19 1 ASTM A-106 2° SCH 80 415/05 200668  CONDENSADOR TUBO 058.002A.003-R0 7 1 ASTM A-106 20° SCH 80 1220/10 1904/09  CONDENSADOR TUBO 058.002A.003-R0 7 1 ASTM A-106 20° SCH 80 1220/10 1904/09  CONDENSADOR CHAPA 1 1 ASTM A-516 °70 3.1/2° #E 88.9mm 965/10 12022576/30  CONDENSADOR CHAPA 5 1 ASTM A-516 °70 3.1/2° #E 88.9mm 965/10 12022576/30  CONDENSADOR AP 058.002A.003-R0 8 2 ASTM A-108 20° SCH 80 311/11 14183  CONDENSADOR REDUÇÃO CONCENTRICA 058.002A.003-R0 8 2 ASTM A-105 20° SCH 80 311/11 14183  CONDENSADOR FLANGE 058.002A.003-R0 28 2 ASTM A-105 20° SCH 80 311/11 14183  CONDENSADOR FLANGE 058.002A.003-R0 12 2 ASTM A-105 5° SCH 160 151/10 916  CONDENSADOR FLANGE 058.002A.003-R0 12 2 ASTM A-105 5° SCH 160 310/11 14183  SUPER AQUECEDOR PRIMÁRIO CAPS 023.095A.046-R0 2 1 ASTM A-240 MP 8° SCH 120 1405/10 88 SUPER AQUECEDOR PRIMÁRIO TUBO 023.995A.046-R0 2 1 ASTM A-106 B 8° SCH 120 4920 1371/08 59348899 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 6 42 ASTM A-192 2° #4.25 X 9865 1063/10 50498899 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 6 42 ASTM A-192 2° #4.25 X 9865 1063/10 50498899 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 6 42 ASTM A-192 2° #4.25 X 9865 1063/10 50498899 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 1 42 ASTM A-131 T1 2° #3,75 X 865 1525/08 50556899 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 1 42 ASTM A-131 T1 2° #3,75 X 865 1525/08 50556899 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 1 42 ASTM A-131 T1 2° #3,75 X 8798 1525/08 50556899 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 1 42 ASTM A-131 T1 2° #3,75 X 865 1525/08 50556899 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 1 42 ASTM A-131 T1 2° #3,75 X 865 1525/08 50556899 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 1 42 ASTM A-213 T11 2° #3,75 X 865 1525/08 50556899 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 1 42 ASTM A-213 T11 2° #3,75 X 865 1525/08 50556899 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 1 42 ASTM A-213 T11 2° #3,75 X 865 1525/08 50556899 SUPER AQUECEDOR PR									
CONDENSADOR TUBO 058.002A.003-R0 7 1 ASTM A-106 20" SCH 80 1220/10 1804099 CONDENSADOR TUBO 058.002A.003-R0 9 2 ASTM A-106 70 3.12" #E 88.9mm 985/10 1232257639 CONDENSADOR CHAPA 1 1 ASTM A-156 77 3.12" #E 88.9mm 985/10 1232257639 CONDENSADOR CAPP 058.002A.003-R0 8 2 ASTM A-234 20" SCH 80 311/11 14183 CONDENSADOR REDUÇÃO CONCENTRICA 058.002A.003-R0 8 2 ASTM A-234 20" SCH 80 311/11 14183 CONDENSADOR REDUÇÃO CONCENTRICA 058.002A.003-R0 26 1 ASTM A-234 4 "X" SCH 160 1615/10 916 CONDENSADOR FLANGE 058.002A.003-R0 26 1 ASTM A-234 4 "X" SCH 160 1615/10 916 CONDENSADOR FLANGE 058.002A.003-R0 12 2 ASTM A-105 5" SCH 160 310/11 14183 SUPER AQUECEDOR PRIMÁRIO CAPS 023.095A.046-R0 2 1 ASTM A-244 WPP 8" SCH 120 1405/10 853 SUPER AQUECEDOR PRIMÁRIO TUBO 024.095A.046-R0 1 1 ASTM A-106 B 8" SCH 120 1405/10 853 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 6 42 ASTM A-192 2" #4,25 X 486 1063/10 5048879 SUPER AQUECEDOR PRIMÁRIO TUBO DA4570.023.004-R0 5 42 ASTM A-192 2" #4,25 X 486 1063/10 5048879 SUPER AQUECEDOR PRIMÁRIO TUBO DA4570.023.004-R0 5 42 ASTM A-192 2" #4,25 X 486 1063/10 5048879 SUPER AQUECEDOR PRIMÁRIO TUBO DA4570.023.004-R0 5 42 ASTM A-192 2" #4,25 X 4865 1063/10 5048879 SUPER AQUECEDOR PRIMÁRIO TUBO DA4570.023.004-R0 3 42 ASTM A-192 2" #4,25 X 4865 1063/10 5048879 SUPER AQUECEDOR PRIMÁRIO TUBO DA4570.023.004-R0 3 42 ASTM A-192 2" #4,25 X 4865 1063/10 5048879 SUPER AQUECEDOR PRIMÁRIO TUBO DA4570.023.004-R0 1 42 10 ASTM A-192 2" #4,25 X 4865 1525/08 50555689 SUPER AQUECEDOR PRIMÁRIO TUBO DA4570.023.004-R0 3 42 ASTM A-213 T11 2" #3,75 X 8798 1525/08 50555689 SUPER AQUECEDOR PRIMÁRIO TUBO DA4570.023.004-R0 3 42 ASTM A-213 T11 2" #3,75 X 8798 1525/08 50555689 SUPER AQUECEDOR PRIMÁRIO TUBO DA4570.023.004-R0 1 42 ASTM A-213 T11 2" #3,75 X 8798 1525/08 50555689 SUPER AQUECEDOR PRIMÁRIO TUBO DA4570.023.004-R0 1 42 ASTM A-213 T11 2" #3,75 X 8798 1525/08 50555689 SUPER AQUECEDOR PRIMÁRIO TUBO DA4570.023.004-R0 1 42 ASTM A-213 T11 2" #3,75 X 8798 1525/08 50555689 SUPER AQUECEDOR PRIMÁRIO TUBO DA4570.023.004-R0 1 42 ASTM A-213					1				
CONDENSADOR									
CONDENSADOR CHAPA 058.002A.003-R0 8 2 ASTM A-316 **70 3.1/2" #E 88,9mm 965/10 1232257630 CONDENSADOR CAP 058.002A.003-R0 8 2 ASTM A-234 20" SCH 80 311/11 14183 CONDENSADOR REDUÇÃO CONCENTRICA 058.002A.003-R0 26 1 ASTM A-234 4" X" 3" SCH 160 1516/10 916 CONDENSADOR FLANGE 058.002A.003-R0 28 1 ASTM A-105 20" SCH 80 2084/10 25009686 CONDENSADOR FLANGE 058.002A.003-R0 12 2 ASTM A-105 5" SCH 160 310/11 14183 SUPER AQUECEDOR PRIMÁRIO CAPS 023.095A.046-R0 1 1 ASTM A-234 WPF 8" SCH120 1405/10 853 SUPER AQUECEDOR PRIMÁRIO TUBO 023.095A.046-R0 1 1 ASTM A-234 WPF 8" SCH120 1405/10 853 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 6 42 ASTM A-105 2" #4.25 X 9885 1063/10 50438879 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 6 42 ASTM A-192 2" #4.25 X 9885 1063/10 50438879 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 5 42 ASTM A-192 2" #4.25 X 9885 1063/10 50438879 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 5 42 ASTM A-192 2" #4.25 X 9865 1063/10 50438879 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 3 42 ASTM A-192 2" #4.25 X 9865 1063/10 50438879 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 3 42 ASTM A-192 2" #3.75 X 865 1525/08 50355689 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 3 42 ASTM A-192 2" #3.75 X 8798 1525/08 50355689 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 3 42 ASTM A-213 T11 2" #3.75 X 8798 1525/08 50355689 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 1 42 ASTM A-213 T11 2" #3.75 X 8798 1525/08 50355689 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 1 42 ASTM A-213 T11 2" #3.75 X 8798 1525/08 50355689 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 1 42 ASTM A-213 T11 2" #3.75 X 8798 1525/08 50355689 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 1 14 ASTM A-213 T11 2" #3.75 X 8798 1525/08 50355689 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 1 14 ASTM A-213 T11 2" #3.75 X 8798 1525/08 50355689 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 1 14 ASTM A-213 T11 2" #3.75 X 8798 1525/08 50355689 SUPER AQUECEDOR SECUNDÁRI TUBO 0A4570.023.004-R0 1 1 1 ASTM A-234 WP 2 10" SCH 1					2				
CONDENSADOR REDUÇÃO CONCENTRICA 058.002A.003-R0 26 1 ASTM A-234 20" SCH 80 311/11 14183 CONDENSADOR REDUÇÃO CONCENTRICA 058.002A.003-R0 26 1 ASTM A-234 4" X 3" SCH 160 1615/10 916 CONDENSADOR FLANGE 058.002A.003-R0 28 2 ASTM A-105 20" SCH 80 2084/10 25020805 CONDENSADOR FLANGE 058.002A.003-R0 12 2 ASTM A-105 5" SCH 160 310/11 14183 SUPER AQUECEDOR PRIMÁRIO CAPS 023.095A.046-R0 2 1 ASTM A-105 5" SCH 160 310/11 14183 SUPER AQUECEDOR PRIMÁRIO TUBO 023.095A.046-R0 2 1 ASTM A-105 5" SCH 160 310/11 14183 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 1 1 ASTM A-244 WPR 8" SCH 120 1405/10 853 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 1 1 ASTM A-106 B 8" SCH 120 4920 137/108 5048879 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 1 2 ASTM A-192 2" #4.25 X 486 1063/10 5048879 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 5 42 ASTM A-192 2" #4.25 X 9865 1063/10 5048879 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 4 210 ASTM A-192 2" #4.25 X 9865 1063/10 5048879 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 3 42 ASTM A-192 2" #4.25 X 9865 1063/10 50438879 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 3 42 ASTM A-213 T11 2" #3.75 X 865 1525/08 50355889 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 3 42 ASTM A-213 T11 2" #3.75 X 865 1525/08 50355889 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 3 42 ASTM A-213 T11 2" #3.75 X 8798 1525/08 50355889 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 2 188 ASTM A-213 T11 2" #3.75 X 8798 1525/08 50355889 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 2 188 ASTM A-213 T11 2" #3.75 X 8798 1525/08 50355889 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 1 42 ASTM A-213 T11 2" #3.75 X 8798 1525/08 50355889 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 1 42 ASTM A-213 T11 2" #3.75 X 8798 1525/08 50355889 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 1 42 ASTM A-213 T11 2" #3.75 X 8798 1525/08 50355889 SUPER AQUECEDOR PRIMÁRIO TUBO 0A4570.023.004-R0 1 42 ASTM A-213 T11 2" #3.75 X 8798 1525/08 50355889 SUPER AQUECEDOR SECUNDÁRI TUBO 0A4570.023.004-R0 1 42 ASTM A-2				1					
CONDENSADOR FLANGE 058.002A.003-R0 28 2 ASTM A-105 20" SCH 80 2084/10 2500805 CONDENSADOR FLANGE 058.002A.003-R0 12 2 ASTM A-105 5" SCH 160 310/11 14183 SUPER AQUECEDOR PRIMÁRIO CAPS 023.095A.046-R0 2 1 1 ASTM A-343 WPE 8" SCH120 4105/10 853 SUPER AQUECEDOR PRIMÁRIO TUBO 023.095A.046-R0 1 1 ASTM A-106 B 8" SCH120 4920 1371/08 5048899 SUPER AQUECEDOR PRIMÁRIO TUBO DA4570.023.004-R0 6 42 ASTM A-192 2" #4,25 X 486 1063/10 5043879 SUPER AQUECEDOR PRIMÁRIO TUBO DA4570.023.004-R0 5 42 ASTM A-192 2" #4,25 X 486 1063/10 5043879 SUPER AQUECEDOR PRIMÁRIO TUBO DA4570.023.004-R0 4 210 ASTM A-192 2" #4,25 X 9865 1063/10 5043879 SUPER AQUECEDOR PRIMÁRIO TUBO DA4570.023.004-R0 4 210 ASTM A-192 2" #4,25 X 9865 1063/10 5043879 SUPER AQUECEDOR PRIMÁRIO TUBO DA4570.023.004-R0 3 42 ASTM A-192 2" #4,25 X 9865 1063/10 50438879 SUPER AQUECEDOR PRIMÁRIO TUBO DA4570.023.004-R0 3 42 ASTM A-193 111 2" #3,75 X 865 1525/08 50355689 SUPER AQUECEDOR PRIMÁRIO TUBO DA4570.023.004-R0 3 42 ASTM A-213 T11 2" #3,75 X 8788 1525/08 50355689 SUPER AQUECEDOR PRIMÁRIO TUBO DA4570.023.004-R0 3 42 ASTM A-213 T11 2" #3,75 X 867 1525/08 50355689 SUPER AQUECEDOR PRIMÁRIO TUBO DA4570.023.004-R0 1 42 ASTM A-213 T11 2" #3,75 X 867 1525/08 50355689 SUPER AQUECEDOR PRIMÁRIO TUBO DA4570.023.004-R0 1 42 ASTM A-213 T11 2" #3,75 X 8788 1525/08 50355689 SUPER AQUECEDOR PRIMÁRIO TUBO DA4570.023.004-R0 1 42 ASTM A-213 T11 2" #3,75 X 8788 1525/08 50355689 SUPER AQUECEDOR PRIMÁRIO TUBO DA4570.023.004-R0 1 42 ASTM A-213 T11 2" #3,75 X 8788 1525/08 50355689 SUPER AQUECEDOR PRIMÁRIO TUBO DA4570.023.004-R0 1 42 ASTM A-213 T11 2" #3,75 X 8798 1525/08 50355689 SUPER AQUECEDOR PRIMÁRIO TUBO DA4570.023.004-R0 1 42 ASTM A-213 T11 2" #3,75 X 8798 1525/08 50355689 SUPER AQUECEDOR PRIMÁRIO TUBO DA4570.023.004-R0 1 42 ASTM A-213 T11 2" #3,75 X 8798 1525/08 50355689 SUPER AQUECEDOR PRIMÁRIO TUBO DA4570.023.004-R0 1 42 ASTM A-213 T11 2" #3,75 X 8796 1525/08 50355689 SUPER AQUECEDOR SECUNDÁRI TUBO DA4570.023.010-R0 1 42 ASTM A-213 T11 2" #3,75 X 865 1525/08 50355689 SUPER AQUECEDOR SECU	CONDENSADOR	CAP	058.002A.003-R0	8	2	ASTM A-234	20" SCH 80	311/11	14183
CONDENSADOR	CONDENSADOR	REDUÇÃO CONCENTRICA	058.002A.003-R0	26	1	ASTM A-234	4" X 3" SCH 160	1615/10	916
SUPER AQUECEDOR PRIMÁRIO         CAPS         023.095A.046-R0         2         1         ASTM A-234 WPE         8" SCH120         1405/10         853           SUPER AQUECEDOR PRIMÁRIO         TUBO         023.095A.046-R0         1         1         ASTM A-106         B         8" SCH120 4920         1371/08         50048939           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         6         42         ASTM A-192         2" #4,25 X 9865         1063/10         50438679           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         5         42         ASTM A-192         2" #4,25 X 9665         1063/10         50438679           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         4         210         ASTM A-192         2" #4,25 X 9665         1063/10         50438679           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         3         42         ASTM A-213 T11         2" #3,75 X 879         1525/08         50355889           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         2         168         ASTM A-213 T11         2" #3,75 X 879         1525/08         50355889           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         2         168	CONDENSADOR	FLANGE	058.002A.003-R0	28	2	ASTM A-105	20" SCH 80	2084/10	25020805
SUPER AQUECEDOR PRIMÁRIO         TUBO         023.095A.046-R0         1         1         ASTM A-106 B         8" SCH120 4920         1371/08         50348939           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         6         42         ASTM A-192         2" #4,25 X 486         1063/10         5048879           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         5         42         ASTM A-192         2" #4,25 X 9865         1063/10         5048879           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         4         210         ASTM A-192         2" #4,25 X 9665         1063/10         50498879           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         3         42         ASTM A-213 T11         2" #3,75 X 865         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         2         168         ASTM A-213 T11         2" #3,75 X 867         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         2         168         ASTM A-213 T11         2" #3,75 X 8798         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         1         42	CONDENSADOR	FLANGE	058.002A.003-R0	12	2	ASTM A-105	5" SCH 160	310/11	14183
SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         6         42         ASTM A-192         2" #4,25 X 486         1063/10         50436879           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         5         42         ASTM A-192         2" #4,25 X 9885         1063/10         50438879           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         4         210         ASTM A-192         2" #4,25 X 9665         1063/10         50436879           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         3         42         ASTM A-213 T11         2" #3,75 X 865         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         3         42         ASTM A-213 T11         2" #3,75 X 867         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         2         168         ASTM A-213 T11         2" #3,75 X 8798         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         2         168         ASTM A-213 T11         2" #3,75 X 8798         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         1         42 <td>SUPER AQUECEDOR PRIMÁRIO</td> <td>CAPS</td> <td>023.095A.046-R0</td> <td>2</td> <td>1</td> <td>ASTM A-234 WPE</td> <td>8" SCH120</td> <td>1405/10</td> <td>853</td>	SUPER AQUECEDOR PRIMÁRIO	CAPS	023.095A.046-R0	2	1	ASTM A-234 WPE	8" SCH120	1405/10	853
SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         5         42         ASTM A-192         2" #4,25 X 9885         1063/10         50436879           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         4         210         ASTM A-192         2" #4,25 X 9665         1063/10         50436879           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         3         42         ASTM A-213 T11         2" #3,75 X 8798         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         3         42         ASTM A-213 T11         2" #3,75 X 8798         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         2         168         ASTM A-213 T11         2" #3,75 X 8798         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         2         168         ASTM A-213 T11         2" #3,75 X 8798         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         1         42         ASTM A-213 T11         2" #3,75 X 8798         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         1 <td< td=""><td>SUPER AQUECEDOR PRIMÁRIO</td><td>TUBO</td><td>023.095A.046-R0</td><td>1</td><td>1</td><td>ASTM A-106 B</td><td>8" SCH120 4920</td><td>1371/08</td><td>50348939</td></td<>	SUPER AQUECEDOR PRIMÁRIO	TUBO	023.095A.046-R0	1	1	ASTM A-106 B	8" SCH120 4920	1371/08	50348939
SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         4         210         ASTM A-192         2"#4,25 X 9665         1063/10         50436879           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         3         42         ASTM A-213 T11         2" #3,75 X 8798         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         2         168         ASTM A-213 T11         2" #3,75 X 8798         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         2         168         ASTM A-213 T11         2" #3,75 X 8798         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         2         168         ASTM A-213 T11         2" #3,75 X 8798         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         1         42         ASTM A-213 T11         2" #3,75 X 8798         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         1         42         ASTM A-213 T11         2" #3,75 X 8796         1525/08         50355689           SUPER AQUECEDOR SECUNDÁRI         TUBO         D23.096A.046-R0         1	SUPER AQUECEDOR PRIMÁRIO	TUBO			42	ASTM A-192	2" #4,25 X 486	1063/10	50436879
SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         3         42         ASTM A-213 T11         2" #3,75 X 865         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         3         42         ASTM A-213 T11         2" #3,75 X 8798         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         2         168         ASTM A-213 T11         2" #3,75 X 8798         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         1         42         ASTM A-213 T11         2" #3,75 X 8798         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         1         42         ASTM A-213 T11         2" #3,75 X 8798         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         1         42         ASTM A-213 T11         2" #3,75 X 8796         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         D23.096A.046-R0         1         1         ASTM A-213 T11         2" #3,75 X 8796         1525/08         50355689           SUPER AQUECEDOR SECUNDÁRI         TUBO         D23.099A.046-R0         1 <t< td=""><td>SUPER AQUECEDOR PRIMÁRIO</td><td>TUBO</td><td>DA4570.023.004-R0</td><td>5</td><td>42</td><td>ASTM A-192</td><td>2" #4,25 X 9885</td><td>1063/10</td><td>50436879</td></t<>	SUPER AQUECEDOR PRIMÁRIO	TUBO	DA4570.023.004-R0	5	42	ASTM A-192	2" #4,25 X 9885	1063/10	50436879
SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         3         42         ASTM A-213 T11         2" #3,75 X 8798         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         2         168         ASTM A-213 T11         2" #3,75 X 8798         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         2         168         ASTM A-213 T11         2" #3,75 X 8798         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         1         42         ASTM A-213 T11         2" #3,75 X 8798         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         1         42         ASTM A-213 T11         2" #3,75 X 8796         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         D23.096A.046-R0         1         1         ASTM A-213 T11         2" #3,75 X 8796         1525/08         50355689           SUPER AQUECEDOR SECUNDÁRII         CAPS         D23.099A.046-R0         1         1         ASTM A-233 P11         10" SCH120 5775         1221/10         50406893           UPER AQUECEDOR SECUNDÁRII         TUBO         DA4570.023.010-R0         1	SUPER AQUECEDOR PRIMÁRIO								
SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         2         168         ASTM A-213 T11         2" #3,75 X 867         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         2         168         ASTM A-213 T11         2" #3,75 X 8798         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         1         42         ASTM A-213 T11         2" #3,75 X 8796         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         1         42         ASTM A-213 T11         2" #3,75 X 8796         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         1         42         ASTM A-213 T11         2" #3,75 X 8796         1525/08         50355689           SUPER AQUECEDOR SECUNDÁRI         TUBO         023.099A.046-R0         1         1         ASTM A-234 WP 2         10" SCH160         1609/10         917           UPER AQUECEDOR SECUNDÁRI         TUBO         DA4570.023.010-R0         1         1         ASTM A-213 T22         2" #4,75 X 533         1154/10         50439786           UPER AQUECEDOR SECUNDÁRI         TUBO         DA4570.023.010-R0         7         42 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         2         168         ASTM A-213 T11         2" #3,75 X 8798         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         1         42         ASTM A-213 T11         2" #3,75 X 1487         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         1         42         ASTM A-213 T11         2" #3,75 X 8796         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         023.096A.046-R0         1         1         ASTM A-335 P11         10" SCH120 5775         1221/10         50408693           JUPER AQUECEDOR SECUNDÁRI         CAPS         023.099A.046-R0         2         1         STM A-234 WP 2         10" SCH160         1609/10         917           JUPER AQUECEDOR SECUNDÁRI         TUBO         023.099A.046-R0         1         1         ASTM A-233 T21         10" SCH160         150/11         WYYK7993           JUPER AQUECEDOR SECUNDÁRI         TUBO         DA4570.023.010-R0         1         1         ASTM A-213 T22         2" #4,75 X 533         1154/10         50439786           JUPER AQUECEDOR SECUNDÁRI         TUBO         DA4570.023.010-R0         7         42	,								
SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         1         42         ASTM A-213 T11         2" #3,75 X 1487         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         1         42         ASTM A-213 T11         2" #3,75 X 8796         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         023.096A.046-R0         1         1         ASTM A-335 P11         10" SCH120 5775         1221/10         50408693           UPER AQUECEDOR SECUNDÁRI         CAPS         023.099A.046-R0         2         1         STM A-234 WP 2         10" SCH160         1609/10         917           UPER AQUECEDOR SECUNDÁRII         TUBO         023.099A.046-R0         1         1         ASTM A-335 P11         10" SCH 160         150/11         WYYK7993           UPER AQUECEDOR SECUNDÁRII         TUBO         DA4570.023.010-R0         9         42         ASTM A-213 T22         2" #4,75 X 933         1154/10         50439786           UPER AQUECEDOR SECUNDÁRII         TUBO         DA4570.023.010-R0         8         42         ASTM A-213 T22         2" #4,75 X 9655         1154/10         50439786           UPER AQUECEDOR SECUNDÁRII         TUBO         DA4570.023.010-R0         7         42									
SUPER AQUECEDOR PRIMÁRIO         TUBO         DA4570.023.004-R0         1         42         ASTM A-213 T11         2" #3,75 X 8796         1525/08         50355689           SUPER AQUECEDOR PRIMÁRIO         TUBO         023.096A.046-R0         1         1         ASTM A-335 P11         10" SCH120 5775         1221/10         50408693           UPER AQUECEDOR SECUNDÁRII         CAPS         023.099A.046-R0         2         1         STM A-234 WP 2         10" SCH160         1609/10         917           UPER AQUECEDOR SECUNDÁRII         TUBO         023.099A.046-R0         1         1         ASTM A-335 P11         10" SCH160         150/11         WYYK7993           UPER AQUECEDOR SECUNDÁRII         TUBO         DA4570.023.010-R0         9         42         ASTM A-213 T22         2" #4,75 X 533         1154/10         50439786           UPER AQUECEDOR SECUNDÁRII         TUBO         DA4570.023.010-R0         8         42         ASTM A-213 T22         2" #4,75 X 9850         1154/10         50439786           UPER AQUECEDOR SECUNDÁRII         TUBO         DA4570.023.010-R0         7         42         ASTM A-213 T22         2" #4,75 X 9665         1154/10         50439786           UPER AQUECEDOR SECUNDÁRII         TUBO         DA4570.023.010-R0         12         42									
SUPER AQUECEDOR PRIMÁRIO TUBO 023.096A.046-R0 1 1 ASTM A-335 P11 10" SCH120 5775 1221/10 50408693  UPER AQUECEDOR SECUNDÁRI CAPS 023.099A.046-R0 2 1 STM A-234 WP 2 10" SCH160 1609/10 917  UPER AQUECEDOR SECUNDÁRI TUBO 023.099A.046-R0 1 1 ASTM A-335 P11 10" SCH 160 150/11 WYYK7993  UPER AQUECEDOR SECUNDÁRI TUBO DA4570.023.010-R0 0 9 42 ASTM A-213 T22 2" #4,75 X 533 1154/10 50439786  UPER AQUECEDOR SECUNDÁRI TUBO DA4570.023.010-R0 0 8 42 ASTM A-213 T22 2" #4,75 X 9850 1154/10 50439786  UPER AQUECEDOR SECUNDÁRI TUBO DA4570.023.010-R0 7 42 ASTM A-213 T22 2" #4,75 X 9665 1154/10 50439786  UPER AQUECEDOR SECUNDÁRI TUBO DA4570.023.010-R0 1 2 42 ASTM A-213 T11 2" #3,75 X 9665 695/08 50335233  UPER AQUECEDOR SECUNDÁRI TUBO DA4570.023.010-R0 1 1 252 ASTM A-213 T11 2" #3,75 X 867 695/08 50335233  UPER AQUECEDOR SECUNDÁRI TUBO DA4570.023.010-R0 1 1 252 ASTM A-213 T11 2" #3,75 X 8798 695/08 50335233  UPER AQUECEDOR SECUNDÁRI TUBO DA4570.023.010-R0 1 1 252 ASTM A-213 T11 2" #3,75 X 8798 695/08 50335233  UPER AQUECEDOR SECUNDÁRI TUBO DA4570.023.010-R0 1 1 252 ASTM A-213 T11 2" #3,75 X 8798 695/08 50335233  UPER AQUECEDOR SECUNDÁRI TUBO DA4570.023.010-R0 1 1 42 ASTM A-213 T11 2" #3,75 X 1097 695/08 50335233  UPER AQUECEDOR SECUNDÁRI TUBO DA4570.023.010-R0 1 1 42 ASTM A-213 T11 2" #3,75 X 8657 695/08 50335233  UPER AQUECEDOR SECUNDÁRI TUBO DA4570.023.010-R0 1 1 42 ASTM A-213 T11 2" #3,75 X 8657 695/08 50335233  UPER AQUECEDOR SECUNDÁRI TUBO DA4570.023.010-R0 1 1 ASTM A-335 P11 10" SCH120 5775 1221/10 50408693  UPER AQUECEDOR DESSUPERAQUECEDOR LUVA 061.001A.019-R0 1 5 4 ASTM A-106 B 3.1/2" X 50mm 6000LBS SW NP1 1618/10 916									
UPER AQUECEDOR SECUNDÁRI         CAPS         023.099A.046-R0         2         1         STM A-234 WP 2         10" SCH160         1609/10         917           UPER AQUECEDOR SECUNDÁRI         TUBO         023.099A.046-R0         1         1         ASTM A-335 P11         10" SCH 160         150/11         WYYK7993           UPER AQUECEDOR SECUNDÁRI         TUBO         DA4570.023.010-R0         9         42         ASTM A-213 T22         2" #4,75 X 9850         1154/10         50439786           UPER AQUECEDOR SECUNDÁRI         TUBO         DA4570.023.010-R0         8         42         ASTM A-213 T22         2" #4,75 X 9850         1154/10         50439786           UPER AQUECEDOR SECUNDÁRI         TUBO         DA4570.023.010-R0         7         42         ASTM A-213 T22         2" #4,75 X 9665         1154/10         50439786           UPER AQUECEDOR SECUNDÁRI         TUBO         DA4570.023.010-R0         7         42         ASTM A-213 T11         2" #3,75 X 9665         695/08         50335233           UPER AQUECEDOR SECUNDÁRI         TUBO         DA4570.023.010-R0         11         252         ASTM A-213 T11         2" #3,75 X 867         695/08         50335233           UPER AQUECEDOR SECUNDÁRI         TUBO         DA4570.023.010-R0         11         252									
UPER AQUECEDOR SECUNDÁRI         TUBO         023.099A.046-R0         1         1         ASTM A-335 P11         10" SCH 160         150/11         WYYK7993           UPER AQUECEDOR SECUNDÁRI         TUBO         DA4570.023.010-R0         9         42         ASTM A-213 T22         2" #4,75 X 533         1154/10         50439786           UPER AQUECEDOR SECUNDÁRI         TUBO         DA4570.023.010-R0         8         42         ASTM A-213 T22         2" #4,75 X 9850         1154/10         50439786           UPER AQUECEDOR SECUNDÁRI         TUBO         DA4570.023.010-R0         7         42         ASTM A-213 T22         2" #4,75 X 9665         1154/10         50439786           UPER AQUECEDOR SECUNDÁRI         TUBO         DA4570.023.010-R0         12         42         ASTM A-213 T11         2" #3,75 X 9665         695/08         50335233           UPER AQUECEDOR SECUNDÁRI         TUBO         DA4570.023.010-R0         11         252         ASTM A-213 T11         2" #3,75 X 867         695/08         50335233           UPER AQUECEDOR SECUNDÁRI         TUBO         DA4570.023.010-R0         11         252         ASTM A-213 T11         2" #3,75 X 8798         695/08         50335233           UPER AQUECEDOR SECUNDÁRI         TUBO         DA4570.023.010-R0         10         4									
UPER AQUECEDOR SECUNDÁRII         TUBO         DA4570.023.010-R0         9         42         ASTM A-213 T22         2" #4,75 X 533         1154/10         50439786           UPER AQUECEDOR SECUNDÁRII         TUBO         DA4570.023.010-R0         8         42         ASTM A-213 T22         2" #4,75 X 9850         1154/10         50439786           UPER AQUECEDOR SECUNDÁRII         TUBO         DA4570.023.010-R0         7         42         ASTM A-213 T22         2" #4,75 X 9665         1154/10         50439786           UPER AQUECEDOR SECUNDÁRII         TUBO         DA4570.023.010-R0         12         42         ASTM A-213 T11         2" #3,75 X 9665         695/08         50335233           UPER AQUECEDOR SECUNDÁRII         TUBO         DA4570.023.010-R0         11         252         ASTM A-213 T11         2" #3,75 X 867         695/08         50335233           UPER AQUECEDOR SECUNDÁRII         TUBO         DA4570.023.010-R0         11         252         ASTM A-213 T11         2" #3,75 X 8798         695/08         50335233           UPER AQUECEDOR SECUNDÁRII         TUBO         DA4570.023.010-R0         10         42         ASTM A-213 T11         2" #3,75 X 867         695/08         50335233           UPER AQUECEDOR SECUNDÁRII         TUBO         DA4570.023.010-R0         10 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
UPER AQUECEDOR SECUNDÁRII         TUBO         DA4570.023.010-R0         8         42         ASTM A-213 T22         2" #4,75 X 9850         1154/10         50439786           UPER AQUECEDOR SECUNDÁRII         TUBO         DA4570.023.010-R0         7         42         ASTM A-213 T22         2" #4,75 X 9665         1154/10         50439786           UPER AQUECEDOR SECUNDÁRII         TUBO         DA4570.023.010-R0         12         42         ASTM A-213 T11         2" #3,75 X 9665         695/08         50335233           UPER AQUECEDOR SECUNDÁRII         TUBO         DA4570.023.010-R0         11         252         ASTM A-213 T11         2" #3,75 X 867         695/08         50335233           UPER AQUECEDOR SECUNDÁRII         TUBO         DA4570.023.010-R0         11         252         ASTM A-213 T11         2" #3,75 X 8798         695/08         50335233           UPER AQUECEDOR SECUNDÁRII         TUBO         DA4570.023.010-R0         10         42         ASTM A-213 T11         2" #3,75 X 1097         695/08         50335233           UPER AQUECEDOR SECUNDÁRII         TUBO         DA4570.023.010-R0         10         42         ASTM A-213 T11         2" #3,75 X 8657         695/08         50335233           UPER AQUECEDOR SECUNDÁRII         TUBO         DA4570.023.010-R0         10 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
UPER AQUECEDOR SECUNDÁRI         TUBO         DA4570.023.010-R0         7         42         ASTM A-213 T22         2" #4,75 X 9665         1154/10         50439786           UPER AQUECEDOR SECUNDÁRI         TUBO         DA4570.023.010-R0         12         42         ASTM A-213 T11         2" #3,75 X 9665         695/08         50335233           UPER AQUECEDOR SECUNDÁRI         TUBO         DA4570.023.010-R0         11         252         ASTM A-213 T11         2" #3,75 X 867         695/08         50335233           UPER AQUECEDOR SECUNDÁRI         TUBO         DA4570.023.010-R0         11         252         ASTM A-213 T11         2" #3,75 X 8798         695/08         50335233           UPER AQUECEDOR SECUNDÁRI         TUBO         DA4570.023.010-R0         10         42         ASTM A-213 T11         2" #3,75 X 8798         695/08         50335233           UPER AQUECEDOR SECUNDÁRI         TUBO         DA4570.023.010-R0         10         42         ASTM A-213 T11         2" #3,75 X 8657         695/08         50335233           UPER AQUECEDOR SECUNDÁRI         TUBO         DA4570.023.010-R0         10         42         ASTM A-213 T11         2" #3,75 X 8657         695/08         50335233           UPER AQUECEDOR SECUNDÁRI         TUBO         DA570.023.010-R0         10	, 1								
UPER AQUECEDOR SECUNDÁRI         TUBO         DA4570.023.010-R0         12         42         ASTM A-213 T11         2" #3,75 X 9665         695/08         50335233           UPER AQUECEDOR SECUNDÁRI         TUBO         DA4570.023.010-R0         11         252         ASTM A-213 T11         2" #3,75 X 867         695/08         50335233           UPER AQUECEDOR SECUNDÁRI         TUBO         DA4570.023.010-R0         11         252         ASTM A-213 T11         2" #3,75 X 8798         695/08         50335233           UPER AQUECEDOR SECUNDÁRI         TUBO         DA4570.023.010-R0         10         42         ASTM A-213 T11         2" #3,75 X 8657         695/08         50335233           UPER AQUECEDOR SECUNDÁRI         TUBO         DA4570.023.010-R0         10         42         ASTM A-213 T11         2" #3,75 X 8657         695/08         50335233           UPER AQUECEDOR SECUNDÁRI         TUBO         DA4570.023.010-R0         10         42         ASTM A-213 T11         2" #3,75 X 8657         695/08         50335233           UPER AQUECEDOR SECUNDÁRI         TUBO         D23.098A.046-R0         1         1         ASTM A-335 P11         10" SCH120 5775         1221/10         50408693           DESSUPERAQUECEDOR         TUBO         061.001A.019-R1         3         1 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
UPER AQUECEDOR SECUNDÁRII         TUBO         DA4570.023.010-R0         11         252         ASTM A-213 T11         2" #3,75 X 867         695/08         50335233           UPER AQUECEDOR SECUNDÁRII         TUBO         DA4570.023.010-R0         11         252         ASTM A-213 T11         2" #3,75 X 8798         695/08         50335233           UPER AQUECEDOR SECUNDÁRII         TUBO         DA4570.023.010-R0         10         42         ASTM A-213 T11         2" #3,75 X 8657         695/08         50335233           UPER AQUECEDOR SECUNDÁRII         TUBO         DA4570.023.010-R0         10         42         ASTM A-213 T11         2" #3,75 X 8657         695/08         50335233           UPER AQUECEDOR SECUNDÁRII         TUBO         D23.098A.046-R0         1         1         ASTM A-335 P11         10" SCH120 5775         1221/10         50408693           DESSUPERAQUECEDOR         TUBO         061.001A.019-R1         3         1         ASTM A-106 B         3.1/2" SCH80 168         304/09         50313328           DESSUPERAQUECEDOR         LUVA         061.001A.019-R0         15         4         ASTM A-105         1/2" X 50mm 6000LBS SW NP1 1618/10         916	UPER AQUECEDOR SECUNDÁRIO								
UPER AQUECEDOR SECUNDÁRII         TUBO         DA4570.023.010-R0         11         252         ASTM A-213 T11         2" #3,75 X 8798         695/08         50335233           UPER AQUECEDOR SECUNDÁRII         TUBO         DA4570.023.010-R0         10         42         ASTM A-213 T11         2" #3,75 X 1097         695/08         50335233           UPER AQUECEDOR SECUNDÁRII         TUBO         DA4570.023.010-R0         10         42         ASTM A-213 T11         2" #3,75 X 8657         695/08         50335233           UPER AQUECEDOR SECUNDÁRII         TUBO         023.098A.046-R0         1         1         ASTM A-335 P11         10" SCH120 5775         1221/10         50408693           DESSUPERAQUECEDOR         TUBO         061.001A.019-R1         3         1         ASTM A-106 B         3.1/2" SCH80 168         304/09         50313328           DESSUPERAQUECEDOR         LUVA         061.001A.019-R0         15         4         ASTM A-105         1/2" X 50mm 6000LBS SW NP1 1618/10         916	UPER AQUECEDOR SECUNDÁRIO								
UPER AQUECEDOR SECUNDÁRI         TUBO         DA4570.023.010-R0         10         42         ASTM A-213 T11         2" #3,75 X 1097         695/08         50335233           UPER AQUECEDOR SECUNDÁRI         TUBO         DA4570.023.010-R0         10         42         ASTM A-213 T11         2" #3,75 X 8657         695/08         50335233           UPER AQUECEDOR SECUNDÁRI         TUBO         023.098A.046-R0         1         1         ASTM A-335 P11         10" SCH120 5775         1221/10         50408693           DESSUPERAQUECEDOR         TUBO         061.001A.019-R1         3         1         ASTM A-106 B         3.1/2" SCH80 168         304/09         50313328           DESSUPERAQUECEDOR         LUVA         061.001A.019-R0         15         4         ASTM A-105 1/2" X 50mm 6000LBS SW NP 1618/10         916	UPER AQUECEDOR SECUNDÁRIO								
UPER AQUECEDOR SECUNDÁRI         TUBO         DA4570.023.010-R0         10         42         ASTM A-213 T11         2" #3,75 X 8657         695/08         50335233           UPER AQUECEDOR SECUNDÁRI         TUBO         023.098A.046-R0         1         1         ASTM A-335 P11         10" SCH120 5775         1221/10         50408693           DESSUPERAQUECEDOR         TUBO         061.001A.019-R1         3         1         ASTM A-106 B         3.1/2" SCH80 168         304/09         50313328           DESSUPERAQUECEDOR         LUVA         061.001A.019-R0         15         4         ASTM A-105 I/2" X 50mm 6000LBS SW NP 1618/10         916	SUPER AQUECEDOR SECUNDÁRIO								
UPER AQUECEDOR SECUNDÁRI         TUBO         023.098A.046-R0         1         1         ASTM A-335 P11         10" SCH120 5775         1221/10         50408693           DESSUPERAQUECEDOR         TUBO         061.001A.019-R1         3         1         ASTM A-106 B         3.1/2" SCH80 168         304/09         50313328           DESSUPERAQUECEDOR         LUVA         061.001A.019-R0         15         4         ASTM A-105 1/2" X 50mm 6000LBS SW NP 1618/10         916	SUPER AQUECEDOR SECUNDÁRIO								
DESSUPERAQUECEDOR LUVA 061.001A.019-R0 15 4 ASTM A-105 1/2" X 50mm 6000LBS SW NPI 1618/10 916	UPER AQUECEDOR SECUNDÁRI				1				50408693
				3	1				
DESSUPERAQUECEDOR TARUGO 061.003A.019-R0 1 1 ASTM A-182 F11 4" x 2" 1701/10 952	DESSUPERAQUECEDOR	LUVA	061.001A.019-R0	15	4	ASTM A-105	1/2" X 50mm 6000LBS SW NP	1618/10	916
	DESSUPERAQUECEDOR	TARUGO	061.003A.019-R0	1	1	ASTM A-182 F11	4" x 2"	1701/10	952



DATA 08/06/2011

COMPONENTE	PARTE	N° DESENHO	POS.	QTD.	MATERIAL	DIMENSÕES	C.R.	Nº CERTIFICADO
DESSUPERAQUECEDOR	TUBO	061.001A.019-R0	3	1	ASTM A-106 B	3.1/2" SCH80 161	1816/08	50356125
DESSUPERAQUECEDOR	TUBO	061.001A.019-R0	9	1	ASTM A-106 B	2" SCH80 175	1052/10	50432323
DESSUPERAQUECEDOR	TUBO	061.001A.019-R0	16	1	ASTM A-106 B	3/4" SCH80 200	733/10	50369127
DESSUPERAQUECEDOR	TUBO	061.001A.019-R0	12	2	ASTM A-106 B	1/2" SCH80 200	2380/08	50372523
DESSUPERAQUECEDOR	TUBO	061.001A.019-R0	11	1	ASTM A-335 P11	10" SCH80 7427	1605/08	50357836
DESSUPERAQUECEDOR	TUBO	061.001A.019-R0	1	1	ASTM A-335 P11	10" SCH80 2000	1605/08	50357836
DESSUPERAQUECEDOR	CHAPA	061.001A.019-R1	17	1	ASTM A-516 º70	5/8" X 0,030M <sup>2</sup>	1130/09	259194
REDLER	BARRA REDONDA LAMINADA	095.012A.009-R0	14	5	VIDE CERTIF.	Ø 101,6 X 678	1969/10	1387190
REDLER	BARRA REDONDA TREFILADA	095.056A.009-R0	5	9	SAE 1045	Ø65mm x 200mm	1968/10	71686
REDLER	BARRA REDONDA TREFILADA	095.056A.009-R0	6	14	SAE 1045	# E Ø20mm	1828/10	498274
REDLER	BARRA REDONDA TREFILADA	095.056A.009-R0	9	5	SAE 1045	Ø 65mm	2035/10	418441
REDLER	BARRA REDONDA TREFILADA	095.056A.009-R0	9	1	SAE 1045	Ø 65mm	2035/10	418441
REDLER	BARRA REDONDA LAMINADA	095.051B.009-R0	11	1	VIDE CERTIF.	Ø 101,6 X 920	1969/10	1387190
REDLER	BARRA REDONDA LAMINADA	095.051A.009-R0	11	1	VIDE CERTIF.	Ø 101,6 X 920	1969/10	1387190
REDLER	BARRA REDONDA LAMINADA	095.101A.009-R0	7	1	VIDE CERTIF.	Ø 101,6 X 820	1969/10	1387190
REDLER	BARRA REDONDA TREFILADA	095.016A.009-R0	9	15	VIDE CERTIF.	SAE 1045 Ø65mm	2035/10	418441
REDLER	BARRA REDONDA TREFILADA	095.016A.009-R0	5	25	VIDE CERTIF.	SAE 1045 Ø30mm	1968/10	71686
REDLER	BARRA REDONDA TREFILADA	095.016A.009-R0	6	45	VIDE CERTIF.	SAE 1045 Ø20mm	1828/10	498274
REDLER	BARRA REDONDA LAMINADA	095.105A.009-R0	2	3	VIDE CERTIF.	Ø 127,0 X 60	1712/10	526693
REDLER	BARRA REDONDA LAMINADA	095.065B.009-R0	2	1	VIDE CERTIF.	Ø 127,0 X 60	1712/10	526693
REDLER	BARRA REDONDA LAMINADA	095.025A.009-R0	2	2	VIDE CERTIF.	Ø 127,0 X 60	1712/10	526693
REDLER	BARRA REDONDA LAMINADA	095.011A.009	7	2	VIDE CERTIF.	SAE 1045 Ø101.60mm 4"	1968/10	71686
REDLER	BARRA REDONDA LAMINADA	095.065A.009-R0	2	1	VIDE CERTIF.	Ø 127,0 X 60	1712/10	526693
REDLER	BARRA REDONDA LAMINADA	095.106A.009-R0	2	3	VIDE CERTIF.	Ø 139,7 X 65	1829/10	2934241/2010
REDLER	BARRA REDONDA LAMINADA	095.026A.009-R0	2	2	VIDE CERTIF.	Ø 139,7 X 65	1829/10	2934241/2010
REDLER	BARRA REDONDA LAMINADA	095.066B.009-R0	2	1	VIDE CERTIF.	Ø 139,7 X 65	1829/10	2934241/2010
REDLER	BARRA REDONDA LAMINADA	095.066A.009-R0	2	1	VIDE CERTIF.	Ø 139,7 X 65	1829/10	2934241/2010
REDLER	BARRA REDONDA LAMINADA	095.052A.009-R1	23	2	VIDE CERTIF.	SAE 1045 157101.60mm	1968/10	71686
TUBOLÃO DE VAPOR	FLANGE SO	097.031A.025-R2	35	1	ASTM A-105	2.1/2" 900LBS RF	1728/10	40410-A
TUBOLÃO DE VAPOR	FLANGE SO	097.031A.025-R2	36	1	ASTM A-105	2" 900LBS RF	1727/10	40410-A
TUBOLÃO DE VAPOR	TUBO	097.031A.025-R1	17	1	ASTM A-106 B	12" SCH80 250	858/08	50323713
TUBOLÃO DE VAPOR	TUBO	097.031A.025-R1	16	1	ASTM A-106 B	12" SCH80 250	858/08	50323713
TUBOLÃO DE VAPOR	TUBO	097.031A.025-R1	7	8	ASTM A-106 B	6" SCH80 433	181/10	50412422
TUBOLÃO DE VAPOR	TUBO	097.031A.025-R1	28	1	ASTM A-106 B	4" SCH80 500	655/10	50424867
TUBOLÃO DE VAPOR	TUBO	097.031A.025-R1	25	2	ASTM A-106 B	4" SCH80 500	655/10	50424867
TUBOLÃO DE VAPOR	TUBO	097.031A.025-R1	10	10	ASTM A-106 B	4" SCH80 517	655/10	50424867
TUBOLÃO DE VAPOR	TUBO	097.031A.025-R1	9	10	ASTM A-106 B	4" SCH80 312	655/10	50424867
TUBOLÃO DE VAPOR	TUBO	097.031A.025-R1	12	2	ASTM A-106 B	2" SCH80 580	653/10	50425638
TUBOLÃO DE VAPOR	TUBO	097.031A.025-R1	18	2	ASTM A-106 B	1.1/2" SCH80 200	1046/10	50433084
TUBOLÃO DE VAPOR	TUBO	097.031A.025-R1	13	4	ASTM A-106 B	1" SCH80 580	432/10	50249173
TUBOLÃO DE VAPOR	TUBO	097.031A.025-R1	5	2	ASTM A-106 B	20" SCH160 305	2137/08	201904
TUBOLÃO DE VAPOR	TUBO	097.031A.025-R1	4	2	ASTM A-106 B	14" SCH160 657	356/08	WXTG-071288
TUBOLÃO DE VAPOR	TUBO	097.031A.025-R1	8	8	ASTM A-106 B	6" SCH120 288	654/06	50204555
TUBOLÃO DE VAPOR	TUBO	097.031A.025-R1	8	8	ASTM A-106 B	6" SCH120 288	479/08	MV7162B
TUBOLÃO DE VAPOR	TUBO	097.031A.025-R1	27	6	ASTM A-106 B	4" SCH120 312	610/08	50265401
TUBOLÃO DE VAPOR	TUBO	097.031A.025-R1	6	2	ASTM A-106 B	8" SCH100 405	478/08	50272796
TUBOLÃO DE VAPOR	TUBO	097.031A.025-R1	11	1	ASTM A-106 B	3" SCH80 500	1764/10	50415130
TUBOLÃO DE VAPOR	TUBO	097.031A.025-R3	39	1	ASTM A-106 B	3" SCH80 400	1764/10	50415130
TUBOLÃO DE VAPOR	TUBO	097.031A.025-R3	37	2	ASTM A-106 B	2" SCH80 400	653/10	50425638
TUBOLÃO DE VAPOR	TUBO	097.035A.025-R1	16	2	ASTM A-106 B	2" SCH80 400	1052/10	
TUBOLÃO DE VAPOR	TUBO	097.035A.025-R1	2	1	ASTM A-106 B	3/4" SCH80 12034	1217/10	
TUBOLÃO DE VAPOR	TUBO	097.035A.025-R1	19	1	ASTM A-106 B	6" SCH160 500	1047/10	i e
TUBOLÃO DE VAPOR	TUBO	097.031A.025-R2	34	1	ASTM A-106 B	2.1/2" SCH80 500	428/05	50147065
TUBOLÃO DE VAPOR	TUBO	097.031A.025-R2	33	1	ASTM A-106 B	2" SCH80 500	1052/10	
TUBOLÃO DE VAPOR	CAPS	097.031A.025-R3	38		ASTM A-234 WPE	2" SCH80	1854/10	
TUBOLÃO DE VAPOR	CAPS	097.031A.025-R1	31	1	ASTM A-234 WPE	2" SCH160	1646/10	
TUBOLÃO DE VAPOR	TUBO	097.034A.025-R0	3	4	ASTM A-106 B	3" SCH80 30	732/10	50397003
TUBOLÃO DE VAPOR	TUBO	097.035A.025-R0	1	1	ASTM A-106 B	4" SCH80 12034	655/10	50424867
TUBOLÃO DE VAPOR	TUBO	097.035A.025-R0	3	1	ASTM A-106 B	1" SCH80 12034	432/10	50249173
TUBOLÃO DE VAPOR	TUBO	097.035A.025-R0	2	1	ASTM A-106 B	3/4" SCH80 12034	1049/10	
TUBOLÃO DE VAPOR	CAPS	097.041A.025-R1	3		ASTM A-234 WPE	8" SCH80	615/10	2010/3992
TUBOLÃO DE VAPOR	CHAPA	097.052A.025-R0	1	2	ASTM A-516 º70	2.1/2" X 8,400m <sup>2</sup>	996/10	458352
TUBOLÃO DE VAPOR	CHAPA	097.052A.025-R0	1	2	ASTM A-516 º70	2.1/2" X 8,400m²	995/10	395959
TUBOLÃO DE VAPOR	CHAPA	097.051A.025-R0	1	5	ASTM A-516 º70	2.1/2" X 76,200m²	996/10	458352
TUBOLÃO DE VAPOR	CHAPA	097.051A.025-R0	1	5	ASTM A-516 º70	2.1/2" X 76,200m²	995/10	395959
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TUBOLÃO DE VAPOR	CHAPA	097.051A.025-R0	1	5	ASTM A-516 º70	2.1/2" X 76,200m <sup>2</sup>	994/10	395959
TUBOLÃO DE VAPOR TUBOLÃO DE VAPOR	CHAPA CHAPA	097.051A.025-R0 097.051A.025-R0	1	5 5	ASTM A-516 º70 ASTM A-516 º70	2.1/2" X 76,200m <sup>2</sup> 2.1/2" X 76,200m <sup>2</sup>	994/10	395959 395984



DATA 08/06/2011

COMPONENTE	PARTE	N° DESENHO	POS.	QTD.	MATERIAL	DIMENSÕES	C.R.	Nº CERTIFICADO
TUBOLÃO DE VAPOR	CHAPA	097.031A.025-R3	22	1	ASTM A-516 º70	1.1/4" X 0,340M <sup>2</sup>	966/09	1887690
GRELHADO	BARRA REDONDA TREFILADA	098.071A.022-R0	3	36	VIDE CERTIF.	Ø 60 X 180	1941/10	405059
GRELHADO	TUBO	098.021A.022-R0	28	2	ASTM A-106 B	12" SCH80 260	340/08	50124266
GRELHADO	TUBO	098.021A.022-R0	59	10	ASTM A-106 B	10" SCH80 260	434/10	50305980
GRELHADO	TUBO	098.021A.022-R0	17	2	ASTM A-106 B	6" SCH80 4073	723/10	50421561
GRELHADO	EIXO	098.040J.022-R0	4	4	VIDE CERTIF.	Ø 60mm X 233 Retif.1045	939/10	7929
GRELHADO	EIXO	098.040I.022-R0	4	4	VIDE CERTIF.	Ø 60mm X 233 Retif.1045	939/10	7929
GRELHADO	EIXO	098.040H.022-R0	4	4	VIDE CERTIF.	Ø 60mm X 233 Retif.1045	939/10	7929
GRELHADO	EIXO	098.040F.022-R0	4	4	VIDE CERTIF.	Ø 60mm X 233 Retif.1045	939/10	7929