



EUROFLEXON SRL



Hose Catalogue

2020

Hose Catalogue

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ABOUT US

Euroflexon is a leading manufacturer & exporter of rubber hoses and a variety of hose accessories in Italy since 2013.

Offering an extensive spread of regular and customizable braided and multi-spiral hoses besides end-fittings, Euroflexon is playing a vital role in enhancing productivity and growth of diverse industries including mining, construction, transportation, on-shore and off-shore oil exploration & drilling, cement manufacturing, machine tools, aviation and agricultural machinery.

Euroflexon has had the Certificate of Conformity to Quality Management System according to the requirements of international standard ISO 9001. All the products are manufactured according to international standard and meet the requirements of SAE, DIN, EN.

The primary aim of the company is to offer high quality products and best services for every customer.

So, team up with Euroflexon to enjoy peerless products and seamless services. And together we can, usher newer paradigms of performance, productivity and profitability.

OUR MISSION

To integrate the Best-in-class products with Best-in-class customer service.
We engage our self towards innovation & knowledge to secure our clients,
suppliers, employees and stakeholders

OUR VISION

To bring to the world a hydraulic product portfolio of quality brands
that anticipates and satisfy all requirements

OUR VALUES

Safety : Adopt Safety principle in all our activities

Customer Focus : The Client is central to all our processes

Integrity : Respect, Fairness and Ethics in all our interactions

Reliability : adherence to schedules with zero compromise on quality

Collaborative : Team work - internally and externally

Learning : Continuous learning and innovation to adapt to the environment

Excellence : highest standard of performance in all aspects

KEY INITIATIVES

Remain highly competitive through relentless focus on superior customer service, unsurpassed product quality, outstanding safety and environmental performance, and high manufacturing efficiency Supplier of choice in target markets.

Achieve financial return with consistent, long-term operating profitability Maintain an autonomous operating environment, allowing it to stay focused and flexible Hold the highest ethical, moral and legal standards.

OUR ADVANTAGE

QUALITY CONTROL

Quality means company life. Euroflexon always focus on production of high quality products. We do 100% inspection at every stage of the production, e.g. raw material quality checking, pressure testing, abrasion testing, etc.

COMPETITIVE PRICE

Large production capacity - Cheaper raw material -Stable Quality Products.

All these factors keep Euroflexon competitive on the global market.

MARKET STRATEGY

Euroflexon has been doing business with customers from more than 40 countries.

We maintain to develop the new markets and seek solid partners. Our vision is to share high quality products with friends from all over the world.

PROMPT FEEDBACK

Euroflexon has a well-trained and communicated team, which can provide customers prompt feedback in regard to sales & after-sales services.

TEMPERATURE



When specifying hose, there are two temperatures you need to identify. One is the ambient temperature, which is the temperature that exists outside the hose where it is being used; the other is the media temperature, which is the temperature of the media conveyed through the hose. Very high or low ambient temperatures can have adverse affects on the hose cover and reinforcement materials, resulting in reduced service life.

Media temperatures can have a much greater impact on hose life.

For example, rubber loses flexibility if operated at high temperatures for extended periods.

Some media can increase or decrease the effects of temperature on the hose.

The maximum rated temperature of a hose is specific to the media.

APPLICATION



Before selecting a hose, it is important to consider how the hose assembly will be used. Sometimes specific applications require specific hoses. For example, applications where hoses will encounter rubbing or abrasive surfaces, would be best handled by our family of abrasionresistant hose with both Tough and Super Tough covers. When application space is tight, bend radius is another important consideration.

Euroflexon offers a full line of hoses designed for one-half SAE bend radius at full SAE-rated pressures. We offer hoses with increased flexibility and smaller outer diameters enabling faster, easier routing in small spaces, reducing both hose length and inventory requirements.

Industry standards set specific requirements concerning construction type, size, tolerances, burst pressure, and impulse cycles of hoses.

Euroflexon hydraulic hoses meet or exceed standards such as:

- SAE (Society of Automotive Engineers)
- EN (European Norm)
- DIN (Deutsches Institut für Normung)
- ISO (International Organization for Standardization)

Governmental agencies control additional standards for particular industries such as U.S.C.G. and ABS.

You must select a hose that meets the legal requirements as well as the functional requirements of the application.

PRESSURE



When considering hose pressure, it's important to know both the system working pressure and any surge pressures and spikes. Hose selection must be made so that the published maximum working pressure of the hose is equal to or greater than the maximum system pressure. Surge pressures or peak transient pressures in the system must be below the published maximum working pressure for the hose.

All Euroflexon hydraulic hoses have passed the industry rated specifications for burst pressure and carry a 4:1 design factor unless otherwise noted. Burst pressure ratings for hose are for manufacturing test purposes only. They are not an indication that the product can be used above the published maximum working pressure. It is for this reason that the burst pressure ratings have been removed from the hose charts within the catalog. Care must also be taken when looking at the "weakest link" of the hose assembly. A hose assembly is rated at the maximum working pressure of the hose and the fitting component.

Therefore the maximum working pressure of the hose assembly is the lesser of the rated working pressure of the hose and the end connections used.

Euroflexon®

HYDRAULIC HOSES



Hydraulic

SAE 100R1AT / DIN EN853 1SN



Size		Hose I.D		Hose O.D	Working Pressure		Burst Pressure		Bend Radius	Weight
inch	mm	Min	Max	Max	bar	psi	bar	psi	mm	kg/m
3/16	5	4.6	5.4	12.5	250	3625	1000	14500	90	0.19
1/4	6.3	6.2	7	14.1	225	3260	900	13050	100	0.21
5/16	8	7.7	8.5	15.7	215	3120	850	12325	115	0.24
3/8	10	9.3	10.1	18.1	180	2610	720	10440	130	0.33
1/2	12.5	12.3	13.5	21.4	160	2320	640	9280	180	0.41
5/8	16	15.5	16.7	24.5	130	1885	520	7540	200	0.45
3/4	19	18.6	19.8	28.5	105	1520	420	6090	240	0.58
1	25	25	26.4	36.6	88	1280	350	5075	300	0.88
1-1/4	31.5	31.4	33	44.8	63	910	250	3625	420	1.23
1-1/2	38	37.7	39.3	52.1	50	725	200	2900	500	1.51
2	51	50.4	52	65.5	40	580	160	2320	630	1.97

Application:

Recommended for medium pressure hydraulic oil lines

Construction:

Inner tube : NBR - Synthetic rubber
 Reinforcement : One braid steel wire
 Outer Cover : NBR - PVC Synthetic rubber

Temp. Range

-40°C to 100°C
 (-40°F to 212°F)

Hydraulic

SAE 100R2AT / DIN EN853 2SN



Size		Hose I.D		Hose O.D	Working Pressure		Burst Pressure		Bend Radius	Weight
inch	mm	Min	Max	Max	bar	psi	bar	psi	mm	kg/m
3/16	5	4.6	5.4	14.1	414	6020	1650	23295	90	0.32
1/4	6.3	6.2	7	15.7	400	5800	1600	23200	100	0.36
5/16	8	7.7	8.5	17.3	360	5075	1400	20300	115	0.45
3/8	10	9.3	10.1	19.7	331	4785	1320	19140	130	0.54
1/2	12.5	12.3	13.5	23	276	3990	1100	15950	180	0.68
5/8	16	15.5	16.7	26.2	250	3625	1000	14500	200	0.80
3/4	19	18.6	19.8	30	215	3120	850	12325	240	0.94
1	25	25	26.4	39.9	165	2390	650	9425	300	1.35
1-1/4	31.5	31.4	33	49.5	125	1810	500	7250	420	2.15
1-1/2	38	37.7	39.3	55.9	90	1305	360	5220	500	2.65
2	51	50.4	52	68.6	80	1160	320	4640	630	3.50

Application:

Recommended for high pressure hydraulic oil lines

Construction:

Inner tube : NBR - Synthetic rubber
 Reinforcement : Two braids steel wire
 Outer Cover : NBR - PVC Synthetic rubber

Temp. Range

-40°C to 100°C
 (-40°F to 212°F)

Hydraulic

DIN EN856 4SP



Size		SAE	Hose I.D		Hose O.D		Working Pressure		Burst Pressure		Bend Radius	Weight
inch	mm	Dash	Min	Max	Min	Max	bar	psi	bar	psi	mm	kg/m
3/8	10	-6	9.3	10.1	20.6	22.2	445	6450	180	26000	180	0.78
1/2	12.5	-8	12.3	13.5	23.8	25.4	415	6000	166	24000	230	0.89
5/8	16	-10	15.5	16.7	27.4	29.0	350	5000	140	20000	250	1.10
3/4	19	-12	18.6	19.8	31.4	33	350	5000	140	20000	300	1.59
1	25	-16	25	26.4	38.5	40.9	280	4000	112	16000	340	2.02
1-1/4	31.5	-20	31.4	33.0	49.2	52.4	210	3000	84	12000	460	3.32
1-1/2	38	-24	37.7	19.8	55.6	58.8	185	3650	74	10800	560	3.70
2	51	-32	50.4	39.3	68.2	71.4	165	2360	66	9600	660	5.47

Application:

Recommended for very high pressure hydraulic power lines

Construction:

Inner tube : CR - Synthetic rubber
 Reinforcement : Four spiral steel wire
 Outer Cover : CR- Synthetic rubber

Temp. Range

-40°C to 100°C
 (-40°F to 212°F)

Hydraulic

SAE 100R3 / DIN EN854 2TE



Size		SAE	Hose I.D		Hose O.D		Working Pressure		Burst Pressure		Bend Radius	Weight
inch	mm	Dash	Min	Max	Min	Max	bar	psi	bar	psi	mm	kg/m
1/4	6.3	-4	6.1	7.0	13.5	15.1	87	1350	348	5300	75	0.19
5/16	8	-5	7.6	8.5	16.7	18.3	84	1300	336	5200	100	0.26
3/8	10	-6	9.2	16.7	18.3	19.8	78	1200	312	4840	100	0.28
1/2	13	-8	12.4	13.5	23.0	24.6	70	1080	280	4340	125	0.40
5/8	16	-10	15.6	16.7	26.2	27.8	61	945	244	3780	140	0.55
3/4	19	-12	18.7	19.8	31.0	32.5	52	800	208	3220	150	0.69
1	25	-16	25.1	26.2	36.9	39.3	39	600	156	2420	205	0.82
1-1/4	32	-20	31.4	32.9	42.9	46.0	26	400	104	1610	250	1.00

Application:

Recommended for hydraulic oil lines, heavy-duty transmission oil cooler lines

Construction:

Inner tube : NBR - Synthetic rubber
Reinforcement : Two fiber braids
Outer Cover : SBR - Synthetic rubber

Temp. Range

-40°C to 100°C
(-40°F to 212°F)

Hydraulic
SAE 100R4



Size		SAE	Hose I.D		Hose O.D	Working Pressure		Burst Pressure		Bend Radius	Weight
inch	mm	Dash	Min	Max	Max	bar	psi	bar	psi	mm	kg/m
3/4	19	-12	18.2	19.8	34.9	21	350	84	1210	125	0.92
1	25	-16	24.6	26.2	41.3	17	250	70	1015	150	1.10
1-1/4	32	-20	30.6	33.0	50.8	14	200	56	810	200	1.30
1-1/2	38	-24	36.9	39.3	57.2	10.5	150	42	610	255	1.80
2	51	-32	49.2	52.4	69.9	7	100	28	410	300	2.23
21/2	63	-40	61.9	65.1	82.6	4	60	17	250	355	3.23
3	76	-48	74.6	77.8	95.3	4	60	16	230	460	4.25
31/2	89	-56	87.3	90.5	107.9	3	40	12.5	180	530	5.05
4	102	-64	100.0	103.2	120.7	2.5	40	10	145	610	5.60

Application:
Recommended for hydraulic return lines / suction lines

Construction:
Inner tube : NBR - Synthetic rubber
Reinforcement : multiple layer of fiber braids helical wire
Outer Cover : CR - Synthetic rubber

Temp. Range
-40°C to +100°C
(-40°F to +212°F)

Hydraulic
SAE 100R5



Size		SAE	Hose I.D		Hose O.D		Working Pressure		Burst Pressure		Bend Radius	Weight
inch	mm	Dash	Min	Max	Min	Max	bar	psi	bar	psi	mm	kg/m
3/16	5	-4	4.8	5.5	12.7	13.7	210	3045	840	12180	75	0.24
1/4	6.3	-5	6.4	7.2	14.3	15.3	210	3045	840	12180	100	0.29
5/16	8	-6	7.9	8.7	16.7	17.6	157	2276	620	8990	100	0.36
13/32	11	-8	10.3	11.1	18.9	20	140	2030	560	8120	125	0.48
1/2	13	-10	12.7	13.7	22.8	24	122	1769	480	6960	140	0.55
5/8	16	-12	15.9	17	26.8	28	105	1522	420	6090	150	0.65
7/8	22	-16	22.2	23.3	30.6	32.2	56	812	220	3090	205	0.69
1-1/8	29	-20	28.6	29.8	37.3	38.9	43	623	170	2494	250	0.84
1-3/8	35	-24	34.9	36.1	43.7	45.2	35	507	140	2030	140	0.55
1-13/16	46	-32	46	47.2	55.2	55.2	24	348	96	1392	150	1.26
2-3/8	60	-40	60.3	61.9	71.8	74.2	24	348	96	1392	205	2
3	76	-78	76.2	77.8	89.3	91.7	14	203	56	812	250	3

Application:
Petroleum based hydraulic fluid,
gasoline, water, diesel fuel,
lubricating oils, glycol, mineral
oils and more

Construction:
Inner tube : Oil Resistant Synthetic rubber
Reinforcement : One braid of high tensile steel
 wire
Outer Cover : Textile Braid Impregnated
 With Synthetic Rubber
 Compound

Temp. Range
-40°C to 100°C
(-40°F to 212°F)

Hydraulic
SAE 100R7



					Working Pressure		
Size	SAE	Hose I.D.		Hose O.D.	Mpa	Mpa	mm
1/8	-2	3.2		8.5	17.2	68.8	13
3/16	-3	4.8		10.8	21	84	33
1/4	-4	6.4		13	19	76	38
5/16	-5	8		15.1	17.5	70	46
3/8	-6	9.5		17	15.7	62.8	51
1/2	-8	12.7		20.7	14	56	76
5/8	-10	16		22	11	44	110
3/4	-12	19		26	8.7	34.8	127
1	-16	25		32	7	28	203

Application:

Automobile, construction machinery, lathe, agriculture Machine, mining, Spurting the oil paint, navigation & spaceflight cooling and other hydraulic control system

Construction:

Inner tube : Oil Resistant Synthetic rubber
Reinforcement : One braid of high tensile synthetic fiber
Outer Cover : Abrasion resistant polyurethane

Temp. Range

-40°C to +100°C
(-40°F to +212°F)

Hydraulic
SAE 100R8



Size	SAE	Hose I.D		Hose O.D	Working Pressure	Burst Pressure	Bend Radius
inch	Dash	Min		Max	Mpa	Mpa	mm
1/8	-2	3.2		9.5	35.0	140.0	30
3/16	-3	4.8		13.1	35.0	140.0	38
1/4	-4	6.4		15.9	35.0	140.0	51
5/16	-5	8		17.0	30.0	120.0	60
3/8	-6	9.5		19.0	28.0	112.0	64
1/2	-8	12.7		22.7	24.5	98.0	100
5/8	-10	16.0		25.0	19.2	76.8	140
3/4	-12	19.0		29.0	15.7	62.8	170
1	-16	25.0		34.0	14.0	56.0	230

Application:
Automobile, construction machinery, lathe, agriculture Machine, mining, Spurting the oil paint, navigation & spaceflight cooling and other hydraulic control system

Construction:
Inner tube : Oil Resistant Synthetic thermoplastic core
Reinforcement : Two braid of high tensile synthetic fiber
Outer Cover : Abrasion resistant polyurethane

Temp. Range
-40°C to +100°C
(-40°F to +212°F)

**Hydraulic
SAE 100R9**

Size		SAE	Hose I.D		Hose O.D		Working Pressure		Burst Pressure		Bend Radius	Weight
inch	mm	Dash	Min	Max	Max		bar	psi	bar	psi	mm	kg/m
3/8	10	-06	9.3	10.1	20.6	21.1	315	4560	630	9135	125	0.70
1/2	12.5	-08	12.3	13.5	23.8	24.3	280	4060	560	8120	180	0.83
3/4	19	-12	18.6	19.8	30.6	31.9	210	3045	420	6090	240	1.30
1	25	-16	25.0	26.4	38.5	40.5	210	3045	420	6090	300	1.70
1-1/4	31.5	-20	31.4	33.0	49.2	50.7	175	2540	350	5075	420	3.08
1-1/2	38	-24	37.7	39.3	55.6	57.1	140	2030	280	4060	500	4.30
2	51	-32	50.4	52.0	69.9	71.3	140	2030	280	4060	660	5.63

Application:
Petroleum based hydraulic fluid,
gasoline, water, diesel fuel,
lubricating oils, glycol, mineral
oils and more

Construction:
Inner tube : Oil Resistant Synthetic rubber
Reinforcement : Four high tensile steel wire
spiral layers
Outer Cover : Abrasion, ozone and weather
resistant synthetic rubber

Temp. Range
-40°C to +100°C
(-40°F to +212°F)

Hydraulic

SAE 100R12



Size		SAE	Hose I.D		Hose O.D		Working Pressure		Burst Pressure		Bend Radius	Weight
inch	mm	Dash	Min	Max	Max		bar	psi	bar	psi	mm	kg/m
3/8	10	-06	9.3	10.1	19.5	21.0	280	4060	1120	16240	125	0.62
1/2	12.5	-08	12.3	13.5	23.0	24.6	280	4060	1120	16240	180	0.85
5/8	16	-10	15.5	16.7	26.6	28.2	280	4060	1120	16240	200	1.29
3/4	19	-12	18.6	19.8	29.9	31.5	280	4060	1120	16240	250	1.47
1	25	-16	25.0	26.4	36.8	39.2	280	4060	1120	16240	300	2.00
1-1/4	31.5	-20	31.4	33.0	45.4	48.6	210	3045	840	12180	420	2.86
1-1/2	38	-24	37.7	39.3	51.9	55.0	175	2540	700	10150	500	3.24
2	51	-32	50.8	52.0	65.1	68.3	175	2540	700	10150	640	4.80

Application:

Petroleum based hydraulic fluid, gasoline, water, diesel fuel, lubricating oils, glycol, mineral oils and more

Construction:

Inner tube : Oil Resistant Synthetic rubber
 Reinforcement : Four high tensile steel wire spiral layers
 Outer Cover : Abrasion, ozone and weather resistant synthetic rubber

Temp. Range

-40°C to +100°C
 (-40°F to +212°F)

Hydraulic

SAE 100R16



Size		SAE	Hose I.D		Hose O.D	Working Pressure		Burst Pressure		Bend Radius	Weight
inch	mm	Dash	Min	Max	Max	bar	psi	bar	psi	mm	kg/m
1/4	6.3	-04	6.2	7.0	14.5	350	5075	1380	20300	50	0.27
5/16	8	-05	7.7	8.5	15.7	297	4306	1170	17000	55	0.35
3/8	10	-06	9.3	10.1	18.8	280	4060	1100	16000	65	0.42
1/2	12.5	-08	12.3	13.5	22.0	245	3550	960	14000	90	0.52
5/8	16	-10	15.5	16.7	25.4	192	2780	768	11000	100	0.63
3/4	19	-12	18.6	19.8	29.0	157	2275	628	9000	120	0.81
1	25	-16	25.0	26.4	36.6	140	2030	560	8000	150	1.71

Application:

Petroleum base hydraulic fluids
and lubricating oils

Construction:

Inner tube : NBR - Synthetic rubber
Reinforcement : Two braids steel wire
Outer Cover : SBR Synthetic rubber

Temp. Range

-40°C to +100°C
(-40°F to +212°F)

Hydraulic

SAE 100R17



Size		SAE	Hose I.D		Hose O.D	Working Pressure		Burst Pressure		Bend Radius	Weight
inch	mm	Dash	Min	Max	Max	bar	psi	bar	psi	mm	kg/m
1/4	6.3	-04	6.2	7.0	13.2	210	3045	840	12180	50	0.18
5/16	8	-05	7.7	8.5	15.0	210	3045	840	12180	55	0.21
3/8	10	-06	9.3	10.1	17.0	210	3045	840	12180	65	0.28
1/2	12.5	-08	12.3	13.5	21.1	210	3045	840	12180	90	0.47
5/8	16	-10	15.5	16.7	25.9	210	3045	840	12180	100	0.80
3/4	19	-12	18.6	19.8	30.3	210	3045	840	12180	120	0.94
1	25	-16	25.0	26.4	38.6	210	3045	840	12180	150	1.35

Application:
Petroleum base hydraulic fluids
and lubricating oils

Construction:
Inner tube : NBR - Synthetic rubber
Reinforcement : One or Two braids steel wire
Outer Cover : SBR Synthetic rubber

Temp. Range
-40°C to +100°C
(-40°F to +212°F)

Hydraulic
DIN EN857 1SC



Size		Hose I.D		Hose O.D	Working Pressure		Burst Pressure		Bend Radius	Weight
inch	mm	Min	Max	Max	bar	psi	bar	psi	mm	kg/m
1/4	6.4	6.1	6.9	13.5	300	4350	1200	17400	75	0.14
5/16	7.9	7.7	8.5	14.5	275	3980	1100	15950	80	0.20
3/8	9.5	9.3	10.1	16.9	225	3263	900	13050	90	0.26
1/2	12.7	12.3	13.5	20.4	200	2900	800	11600	127	0.35
5/8	15.9	15.5	16.7	23.0	150	2175	600	8700	153	0.48
3/4	19.0	18.6	19.8	26.7	150	2175	600	8700	180	0.60
1	25.4	25.0	26.4	34.9	110	1595	450	6525	230	0.90

Application:
Petroleum base hydraulic fluids
and lubricating oils

Construction:
Inner tube : NBR - Synthetic rubber
Reinforcement : One braid high tensile steel
wire
Outer Cover : Oil and weather resistant
Synthetic rubber

Temp. Range
-40°C to +100°C
(-40°F to 212°F)

Hydraulic
DIN EN857 2SC



Size		Hose I.D		Hose Braid		Hose O.D	Working Pressure		Burst Pressure		Bend Radius	Weight
inch	mm	Min	Max	Min	Max	Max	bar	psi	bar	psi	mm	kg/m
1/4	6.4	6.1	6.9	10.6	11.7	14.2	450	6525	1800	26100	75	0.28
5/16	7.9	7.7	8.5	12.1	13.3	16.0	400	5800	1600	23200	85	0.36
3/8	9.5	9.3	10.1	14.4	15.6	18.3	375	5438	1500	21750	90	0.41
1/2	12.7	12.3	13.5	17.5	19.1	21.5	310	4495	1240	17980	130	0.59
5/8	15.9	15.5	16.7	20.5	22.3	24.7	300	4350	1200	17400	170	0.63
3/4	19.0	18.6	19.8	24.6	26.4	28.6	287	4162	1150	16675	200	0.80
1	25.4	25.0	26.4	32.5	34.3	36.6	225	3263	900	13050	250	1.17

Application:
Petroleum base hydraulic fluids
and lubricating oils

Construction:
Inner tube : NBR - Synthetic rubber
Reinforcement : Two braids steel wire
Outer Cover : NBR- PVC Synthetic rubber

Temp. Range
-40°C to +100°C
(-40°F to 212°F)

Hydraulic
DIN EN856 4SH


Size		SAE	Hose I.D		Hose O.D		Working Pressure		Burst Pressure		Bend Radius	Weight
inch	mm	Dash	Min	Max	Min	Max	bar	psi	bar	psi	mm	kg/m
3/4	19	-12	18.6	19.8	31.4	33	420	6000	1680	24000	280	1.61
1	12	-16	25	26.4	37.5	39.9	380	5500	1520	22000	340	2
1-1/4	31.5	-20	31	33	43.9	47.1	325	4700	1300	18800	460	2.64
1-1/2	38	-24	37.7	39.3	51.9	55.1	290	4200	1160	16800	560	3.36
2	51	-32	50.4	52	66.5	69.7	250	3600	1000	14400	700	4.98

Application:

Recommended for very high pressure hydraulic power lines

Construction:

Inner tube : CR - Synthetic rubber
 Reinforcement : Four spiral steel wire
 Outer Cover : CR- Synthetic rubber

Temp. Range

-40°C to 100°C
 (-40°F to 212°F)

Hydraulic
SAE 100R6 / DIN EN854 1TE


Size		SAE	Hose I.D		Hose O.D		Working Pressure		Burst Pressure		Bend Radius	Weight
inch	mm	Dash	Min	Max	Min	Max	bar	psi	bar	psi	mm	kg/m
5/16	6.3	-4	6.1	7.0	11.9	12.7	28	400	110	1600	65	0.15
1/4	8	-5	7.6	8.5	13.5	14.3	28	400	110	1600	75	0.26
3/8	10	-6	9.2	10.1	15.1	15.9	28	400	110	1600	75	0.28
1/2	12.5	-8	12.4	13.5	19.0	19.8	28	400	110	1600	100	0.40
5/8	16	-10	15.6	16.7	22.2	23.0	24	350	97	1400	125	0.55
3/4	19	-12	18.7	19.8	25.4	26.6	21	300	83	1200	150	0.40

Application:

Recommended for hydraulic low pressure lines, return lines & drain lines

Construction:

Inner tube : NBR - Synthetic rubber
 Reinforcement : One synthetic textile braid
 Outer Cover : SBR - Synthetic rubber

Temp. Range

-40°C to 100°C
 (-40°F to 212°F)

Hydraulic
SAE 100R13


Size		SAE	Hose I.D		Hose O.D		Working Pressure		Burst Pressure		Bend Radius	Weight
inch	mm	Dash	Min	Max	Min	Max	bar	psi	bar	psi	mm	kg/m
3/4	19	-12	18.6	19.8	31.0	33.2	350	5075	1400	20300	240	1.68
1	12	-16	25.0	26.4	37.6	39.8	350	5075	1400	20300	300	2.24
1-1/4	31.5	-20	31.4	33.0	48.3	51.3	350	5075	1400	20300	420	3.90
1-1/2	38	-24	37.7	39.3	55.8	58.8	350	5075	1400	20300	500	4.90
2	51	-32	50.4	52.0	69.5	72.7	350	5075	1400	20300	640	6.90

Application:

Recommended for very high pressure hydraulic power lines, constant pressure on all hose sizes

Construction:

Inner tube : CR - Synthetic rubber
 Reinforcement : Four or six spiral steel wire
 Outer Cover : CR-Synthetic rubber

Temp. Range

-40°C to +125°C
 (-40°F to +257°F)

Hydraulic
SAE 100R15


Size		SAE	Hose I.D	Hose O.D	Working Pressure		Burst Pressure		Bend Radius	Weight
inch	mm	Dash	Max	Max	bar	psi	bar	psi	mm	kg/m
3/4	19	-12	19.8	36.1	420	6090	1680	24360	240	1.5
1	12	-16	26.4	42.9	420	6090	1680	24360	300	2.1
1-1/4	31.5	-20	33.0	51.5	420	6090	1680	24360	420	3.8
1-1/2	38	-24	39.3	59.6	420	6090	1680	24360	500	5.1
2	51	-32	52.0	72.7	420	6090	1680	24360	630	7.0

Application:

Recommended for very high pressure hydraulic power lines, constant pressure on all hose sizes

Construction:

Inner tube : CR - Synthetic rubber
 Reinforcement : Four or six high tensile steel Wire spirals
 Outer Cover : SBR-Synthetic rubber

Temp. Range

-40°C to +100°C
 (-40°F to +212°F)

Euroflexon®

INDUSTRIAL HOSE



Industrial

MULTIPURPOSE HOSE



Hose I.D		Hose O.D	Working Pressure		Burst Pressure		Normal Weight
inch	mm	mm	bar	psi	bar	psi	kg/m
1/4	6	13	20	300	60	900	0.15
5/16	8	15	20	300	60	900	0.21
3/8	10	17	20	300	60	900	0.27
1/2	13	21	20	300	60	900	0.35
5/8	16	25	20	300	60	900	0.50
3/4	19	29	20	300	60	900	0.61
1	25	36	20	300	60	900	0.83

Application:

For transmission of air, water, Oil. Suitable for low pressure painting

Construction:

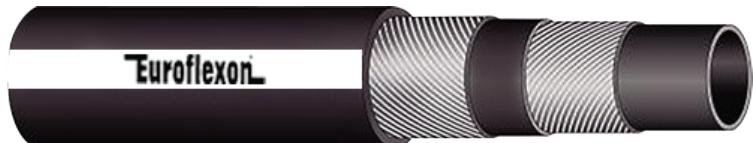
Inner tube : Black smooth synthetic rubber
Reinforcement : High tensile textile cord
Outer Cover : Black, ozone and aging resistant rubber compound

Temp. Range

-29°C to +100°C
(-20°F to +212°F)

Industrial

SMOOTH COVER AIR/WATER HOSE



Hose I.D		Hose O.D	Working Pressure		Burst Pressure		Bend Radius	Normal Weight
inch	mm	mm	bar	psi	bar	psi	mm	kg/m
1/4	6	13	20	300	60	900	60	0.17
5/16	8	15	20	300	60	900	65	0.22
3/8	10	18	20	300	60	900	80	0.29
1/2	13	21	20	300	60	900	105	0.37
5/8	16	25	20	300	60	900	130	0.56
3/4	19	29	20	300	60	900	150	0.65
1	25	36	20	300	60	900	200	0.86

Application:

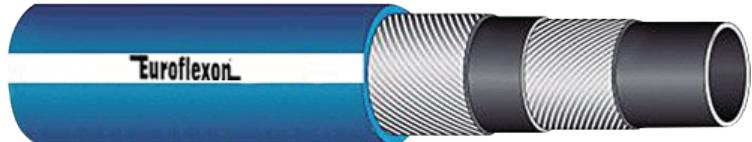
For a variety of general purposes in industries, construction sites and mines

Construction:

Inner tube : black , smooth, NR/SBR rubber
Reinforcement : High tensile textile cord
Outer Cover : Black, smooth, long lasting EPDM rubber, weather and ozone resistant

Temp. Range

-29°C to +100°C
(-20°F to +212°F)

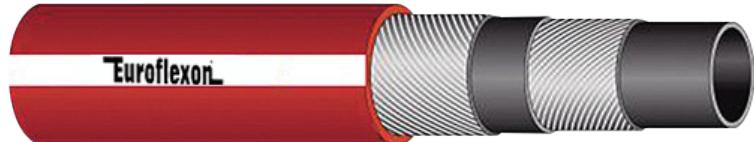
**Industrial
OXYGEN HOSE**

Hose I.D		Hose O.D	Working Pressure		Burst Pressure		Normal Weight
inch	mm	mm	bar	psi	bar	psi	kg/m
1/4	6	13	20	300	60	900	0.17
5/16	8	15	20	300	60	900	0.22
3/8	10	18	20	300	60	900	0.29
1/2	13	21	20	300	60	900	0.37
5/8	16	25	20	300	60	900	0.56
3/4	19	29	20	300	60	900	0.65
1	25	36	20	300	60	900	0.86

Application:
For conveying welding gases

Construction:
Inner tube : PDM/SBR blended, black and smooth
Reinforcement : Textile braided high tensile synthetic yarn
Outer Cover : PDM/SBR blended, blue, smooth weather and ozone, abrasion resistant

Temp. Range
-40°C to +90°C

**Industrial
ACETYLENE HOSE**

Hose I.D		Hose O.D	Working Pressure		Burst Pressure		Normal Weight
inch	mm	mm	bar	psi	bar	psi	kg/m
1/4	6	13	20	300	60	900	0.17
5/16	8	15	20	300	60	900	0.22
3/8	10	18	20	300	60	900	0.29
1/2	13	21	20	300	60	900	0.37
5/8	16	25	20	300	60	900	0.56
3/4	19	29	20	300	60	900	0.65
1	25	36	20	300	60	900	0.86

Application:
For conveying welding gases

Construction:
Inner tube : EPDM/SBR blended, black and smooth
Reinforcement : Textile braided high tensile synthetic yarn
Outer Cover : EPDM/SBR blended, red, smooth weather and ozone, abrasion resistant

Temp. Range
-40°C to +90°C

Industrial

TWIN WELDING HOSE



Red (acetylene)				Blue / Green (oxygen)			
Hose I.D	Hose O.D	Working Pressure	Burst Pressure	Hose I.D	Hose O.D	Working Pressure	Burst Pressure
inch	mm	mm	bar	bar	inch	mm	bar
1/4	6	13	20	60	1/4	6	20
5/16	8	15	20	60	5/16	8	20
3/8	10	18	20	60	3/8	10	20

Application:
For conveying welding gases

Construction:
Inner tube : EPDM/SBR blended, black and smooth
Reinforcement : Textile braided high tensile synthetic yarn
Outer Cover : EPDM/SBR blended, blue, red, green, smooth weather and ozone, abrasion resistant

Temp. Range
-40°C to +90°C

**Industrial
FUEL OIL HOSE**

Hose I.D		Hose O.D	Working Pressure		Burst Pressure		Normal Weight
inch	mm	mm	bar	psi	bar	psi	kg/m
1/4	6	13	20	300	60	900	0.15
5/16	8	15	20	300	60	900	0.21
3/8	10	18	20	300	60	900	0.27
1/2	13	21	20	300	60	900	0.35
5/8	16	25	20	300	60	900	0.50
3/4	19	29	20	300	60	900	0.61
1	25	36	20	300	60	900	0.83

Application:
In fuel systems like gasoline, diesel fuel, also suitable for loading and unloading tank cars, automobiles, oil refine and oil related industrial, etc

Construction:
Inner tube : NBR rubber, black, smooth
Reinforcement : High tensile textile cord
Outer Cover : black, smooth or wrapped synthetic rubber, abrasion, weather and oil mist resistant

Temp. Range
-20°C to +80°C

Industrial

CHEMICAL DISCHARGE HOSE



Hose I.D		Hose O.D	Working Pressure		Burst Pressure		Bend Radius	Normal Weight
inch	mm	mm	bar	psi	bar	psi	mm	kg/m
3/4	19	31	10	150	30	450	200	0.57
1	25	36	10	150	30	450	250	0.71
1-1/4	32	44	10	150	30	450	250	0.95
1-1/2	38	51	10	150	30	450	250	1.20
2	51	64	10	150	30	450	300	1.55
2-1/2	64	79	10	150	30	450	400	2.17
3	76	90	10	150	30	450	400	2.54
4	102	117	10	150	30	450	500	3.44
6	152	168	10	150	30	450	600	5.41

Application:

A more flexible chemical hose designed to handle 98% of all chemicals, solvents and corrosive liquids in both pressure and suction service

Construction:

Inner tube : White smooth UHMWPE + EPDM
 Reinforcement : High strength synthetic cord
 Outer Cover : Blue/Green EPDM rubber, weather and ozone resistant

Temp. Range

-40°C to +120°C

Industrial
WRAPPED COVER AIR/WATER HOSE


Hose I.D		Hose O.D	Working Pressure		Burst Pressure		Bend Radius	Normal Weight
inch	mm	mm	bar	psi	bar	psi	mm	kg/m
1/4	6	14	20	300	60	900	60	0.17
5/16	8	16	20	300	60	900	75	0.20
3/8	10	18	20	300	60	900	75	0.24
1/2	13	22	20	300	60	900	100	0.33
5/8	16	26	20	300	60	900	125	0.45
3/4	19	29	20	300	60	900	150	0.51
1	25	37	20	300	60	900	200	0.70
1-1/4	32	45	20	300	60	900	250	1.04
1-1/2	38	52	20	300	60	900	300	1.38
2	51	65	20	300	60	900	350	1.78
2-1/2	64	79	20	300	60	900	450	2.25
3	76	91	20	300	60	900	450	2.62
4	102	119	20	300	60	900900	600	4.14

Application:

A general purpose mandrel built air hose, engineered for medium to heavy duty application. Its strong flexible construction guarantees a long life and easy handling

Construction:

Inner tube : Black, smooth, NR/SBR rubber
 Reinforcement : High tensile textile cord
 Outer Cover : black, wrapped,
 NR/SBR rubber

Temp. Range

-20°C to +80°C

Industrial TANK TRUCK HOSE



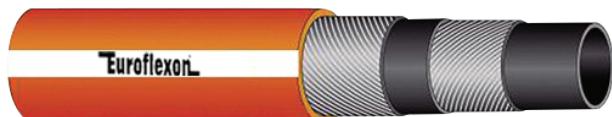
Hose I.D		Hose O.D		Working Pressure		Bend Radius		Approx. Weight	
inch	mm	inch	mm	psi	bar	inch	mm	lbs/ft	kg/m
3	76.2	3.54	89.9	150	10.3	12.0	304.8	1.89	2.81
4	102.0	4.59	116.5	150	10.3	16.0	406.4	2.89	4.30
6	152.4	6.81	172.9	150	10.3	48.0	1219.2	5.79	8.61

Application:
Biodiesel (to B20 in dedicated service), diesel, ethanol gasoline, oil In-plant and storage tank transfer Delivery, Transport

Construction:
Inner tube : Black nitrile
Reinforcement : Multiple textile plies with wire helix
Outer Cover : Black synthetic rubber, wrapped finish

Temp. Range
-37°C to +93°C
(-40°F to +200°F)

Industrial LPG HOSE



Hose I.D		Hose O.D		Working Pressure		Burst Pressure		Bend Radius	Normal Weight
inch	mm	mm	mm	bar	psi	bar	psi	mm	kg/m
1/4	6		13	20	300	60	900	60	0.15
5/16	8		15	20	300	60	900	65	0.21
3/8	10		18	20	300	60	900	80	0.27

Application:
For conveying welding gases

Construction:
Inner tube : NBR, black, smooth
Reinforcement : textile braided high tensile synthetic yarn
Outer Cover : Orange CR blended, ozone and weather resistant and abrasion-proof, smooth

Temp. Range
-40°C to +90°C

Industrial

WATER BLAST HOSE 20K / DIN EN1829-2



Hose I.D		Hose O.D	Working Pressure		Bend Radius		Approx. Weight	
inch	mm	mm	psi	bar	inch	mm	lbs/ft	kg/m
3/8	9.5	20.0	8000	551	7.1	180	0.49	0.73
1/2	12.7	23.2	8000	551	9.5	240	0.61	0.90
3/4	19.0	32.0	8000	551	9.8	250	1.06	1.57
1	25.4	38.5	8000	551	13.4	340	1.42	2.10

Application:
Water blast / jetting.

Construction:
Inner tube : CR - Synthetic rubber
Reinforcement : Four high tensile steel Wire spirals
Outer Cover : SBR- Synthetic rubber

Temp. Range
0°C to +80°C Continuous
(+32°F to +176°F Continuous)

Industrial

WATER BLAST HOSE 25K / DIN EN1829-2



Hose I.D		Hose O.D	Working Pressure		Bend Radius		Approx. Weight	
inch	mm	mm	psi	bar	inch	mm	lbs/ft	kg/m
3/8	9.5	21.2	10000	690	7.1	180	0.49	0.73
1/2	12.7	24.4	10000	690	9.5	240	0.61	0.90
3/4	19.0	32.0	10000	690	9.8	250	1.06	1.57
1	25.4	38.5	10000	690	13.4	340	1.42	2.10

Application:
Water blast / jetting.

Construction:
Inner tube : CR - Synthetic rubber
Reinforcement : Four high tensile steel Wire spirals
Outer Cover : SBR - Synthetic rubber

Temp. Range
0°C to +80°C Continuous
(+32°F to +176°F Continuous)

Industrial

WATER BLAST HOSE 30K / DIN EN1829-2



Hose I.D		Hose O.D	Working Pressure		Bend Radius		Approx. Weight	
inch	mm	mm	psi	bar	inch	mm	lbs/ft	kg/m
3/8	9.5	21.4	12000	830	7.1	180	0.66	0.97
1/2	12.7	25.7	12000	830	9.5	240	0.77	1.13
3/4	19.0	32.4	12000	830	9.8	250	1.15	1.69

Application:
Water blast / jetting.

Construction:
Inner tube : CR - Synthetic rubber
Reinforcement : Four high tensile steel Wire spirals
Outer Cover : SBR- Synthetic rubber

Temp. Range
0°C to +80°C Continuous
(+32°F to +176°F Continuous)

Industrial

WATER BLAST HOSE 36K / DIN EN1829-2



Hose I.D		Hose O.D	Working Pressure		Bend Radius		Approx. Weight	
inch	mm	mm	psi	bar	inch	mm	lbs/ft	kg/m
3/8	9.5	22.8	14500	1000	7.9	200	0.70	1.03
1/2	12.7	27.2	14500	1000	11.9	300	0.90	1.33

Application:
Water blast / jetting.

Construction:
Inner tube : CR - Synthetic rubber
Reinforcement : Four high tensile steel Wire spirals
Outer Cover : SBR- Synthetic rubber

Temp. Range
0°C to +80°C Continuous
(+32°F to +176°F Continuous)

Industrial

WATER BLAST HOSE 50K / DIN EN1829-2



Hose I.D. inch	Hose I.D. mm	Hose O.D. mm		Working Pressure psi	Working Pressure bar	Bend Radius inch	Bend Radius mm	Approx. Weight lbs/ft	Approx. Weight kg/m
3/8	9.5	25.5		20000	1380	7.9	200	-	-
1/2	12.7	30.7		20000	1380	11.9	300	1.52	2.25

Application:
Water blast / jetting.

Construction:
Inner tube : CR - Synthetic rubber
Reinforcement : Four high tensile steel Wire
spirals
Outer Cover : SBR- Synthetic rubber

Temp. Range
0°C to +80°C Continuous
(+32°F to +176°F Continuous)

Industrial STEAM HOSE



Hose I.D		Hose O.D		Working Pressure		Burst Pressure		Bend Radius	Approx. Weight
inch	mm	mm		bar	psi	bar	psi	mm	kg/m
1/4	6	14		10	150	40	600	60	0.17
5/16	8	16		10	150	40	600	75	0.20
3/8	10	18		10	150	40	600	75	0.24
1/2	13	22		10	150	40	600	100	0.33
5/8	16	26		10	150	40	600	125	0.45
3/4	19	29		10	150	40	600	150	0.51
1	25	37		10	150	40	600	200	0.70
1-1/4	32	45		10	150	40	600	250	1.02
1-1/2	38	52		10	150	40	600	300	1.37
2	51	65		10	150	40	600	350	1.76
2-1/2	64	79		10	150	40	600	450	2.24
3	76	92		10	150	40	600	450	3.03
4	102	118		10	150	40	600	600	3.70

Application:
Widely used in automobile industry, cleaning equipment, cooling systems

Construction:
Inner tube : EPDM compound synthetic rubber
Reinforcement : High strength synthetic cord
Outer Cover : EPDM compound synthetic rubber

Temp. Range
-20°C to +150°C

**Industrial
SAND BLAST HOSE**

inch	mm	mm		bar	psi	bar	psi	Nominal Weight
3/4	19	33		12	174	36	522	0.66
1	25	39		12	174	36	522	0.89
1-1/4	32	48		12	174	36	522	1.29
1-1/2	38	54		12	174	36	522	1.57
2	51	70		12	174	36	522	2.39
2-1/2	64	84		12	174	36	522	2.98
3	76	99		12	174	36	522	4.30

Application:

Delivering quartz and metal sand, polishing, ridding rust on metal surface and spraying cement. It is manufactured with anti-static rubber granting a complete discharge of static electricity.

Construction:

Inner tube : NBR rubber compound , black, smooth, anti-static, abrasion resistant
Reinforcement : High tensile textile cord
Outer Cover : SBR/NR rubber compound, black, cloth impression, anti-static, weather and abrasion resistant

Temp. Range

-35oC to +80oC

Euroflexon®

SUCTION DISCHARGE HOSE



Suction Discharge

WATER SUCTION DISCHARGE HOSE W.P.10 BAR



Hose I.D		Hose O.D	Working Pressure		Burst Pressure		Bend Radius	Normal Weight
inch	mm	mm	bar	psi	bar	psi	mm	kg/m
1/4	32	44	10	150	30	450	200	1.20
1-1/2	38	51	10	150	30	450	250	1.50
2	51	64	10	150	30	450	300	1.93
2-1/2	64	78	10	150	30	450	350	2.55
3	76	91	10	150	30	450	460	3.08
4	102	120	10	150	30	450	600	4.97
5	127	146	10	150	30	450	700	6.77
6	152	172	10	150	30	450	800	8.17
8	203	225	10	150	30	450	1000	12.5
10	254	280	10	150	30	450	1300	19.53
12	304	332	10	150	30	450	1600	26.47

Application:
Mandrel built, suitable for water and non-corrosive fluids.
Suitable for agricultural purposes, industries and public works

Construction:
Inner tube : Black Smooth Rubber
Reinforcement : High textile plies helix wire embedded
Outer Cover : Black smooth rubber

Temp. Range
-20°C to +80°C

Suction Discharge

WATER SUCTION DISCHARGE HOSE W.P.20 BAR



Hose I.D		Hose O.D		Working Pressure		Burst Pressure		Bend Radius	Normal Weight
inch	mm	mm		bar	psi	bar	psi	mm	kg/m
3/4	19	30		20	300	60	900	160	0.70
1	25	36		20	300	60	900	180	0.86
1-1/4	32	44		20	300	60	900	200	1.20
1-1/2	38	51		20	300	60	900	250	1.50
2	51	64		20	300	60	900	300	1.93
2-1/2	64	78		20	300	60	900	350	2.55
3	76	91		20	300	60	900	460	3.08
4	89	120		20	300	60	900	600	4.97
5	102	146		20	300	60	900	700	6.77
5	127	172		20	300	60	900	800	8.17
6	152	225		20	300	60	900	1000	12.5
10	203	280		20	300	60	900	1300	19.53
12	254	332		20	300	60	900	1600	26.47

Application:

Mandrel built, suitable for water and non-corrosive fluids.
Suitable for agricultural purposes, industries and public works.

Construction:

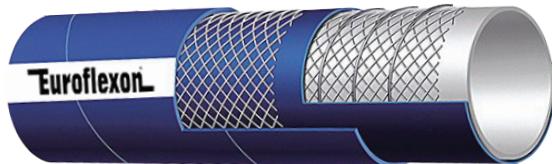
Inner tube : Black Smooth Rubber
Reinforcement : High textile plies helix wire embedded
Outer Cover : Black smooth rubber

Temp. Range

-20°C to +80°C

Suction Discharge

CHEMICAL SUCTION DISCHARGE HOSE



Hose I.D		Hose O.D	Working Pressure		Burst Pressure		Bend Radius	Normal Weight
inch	mm	mm	bar	psi	bar	psi	mm	kg/m
3/4	19	31	10	150	30	450	200	0.67
1	25	36	10	150	30	450	250	0.84
1-1/4	32	45	10	150	30	450	250	1.20
1-1/2	38	51	10	150	30	450	250	1.50
2	51	64	10	150	30	450	300	1.93
2-1/2	64	79	10	150	30	400	400	2.55
3	76	90	10	150	30	400	400	3.08
4	102	119	10	150	30	450	500	4.97
6	152	172	10	150	30	450	600	8.17

Application:

A more flexible chemical hose designed to handle 98% of all chemicals, solvents and corrosive liquids in both pressure and suction services

Construction:

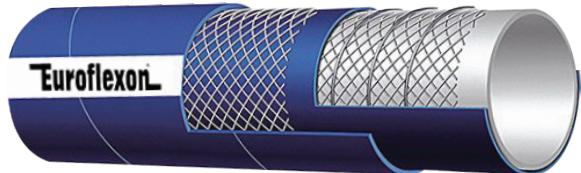
Inner tube : White smooth UHMWPE + EPDM
 Reinforcement : High strength synthetic cord and helix wire
 Outer Cover : Blue/Green EPDM rubber, weather and ozone resistant

Temp. Range

-40°C to +120°C

Suction Discharge

FOOD SUCTION DELIVERY HOSE



Hose I.D		Hose O.D	Working Pressure		Burst Pressure		Bend Radius	Normal Weight
inch	mm	mm	bar	psi	bar	psi	mm	kg/m
3/4	19	31	10	150	30	450	200	0.67
1	25	36	10	150	30	450	250	0.84
1-1/4	32	45	10	150	30	450	250	1.20
1-1/2	38	52	10	150	30	450	250	1.52
2	51	65	10	150	30	450	300	1.96
2-1/2	64	78	10	150	30	400	400	2.95
3	76	91	10	150	30	400	400	3.44
4	102	120	10	150	30	450	500	5.06
6	152	172	10	150	30	450	600	8.84

Application:

Hardwall hose for suction and delivery of food and potable water. Highly resistant to animal fat and vegetable oils

Construction:

Inner tube : White, smooth EPDM rubber
Reinforcement : High strength synthetic cord and helix wire
Outer Cover : White, wrapped EPDM rubber, weather resistant

Temp. Range
-20°C to +80°C

Suction Discharge

OIL SUCTION DISCHARGE HOSE W.P.10 BAR



Hose I.D		Hose O.D		Working Pressure		Burst Pressure		Bend Radius	Normal Weight
inch	mm	mm		bar	psi	bar	psi	mm	kg/m
3/4	19	30		10	150	30	450	160	0.67
1	25	36		10	150	30	450	180	0.84
1-1/4	32	44		10	150	30	450	200	0.95
1-1/2	38	51		10	150	30	450	250	1.20
2	51	64		10	150	30	450	300	1.55
2-1/2	64	78		10	150	30	450	400	2.17
3	76	90		10	150	30	450	400	2.54
3-1/2	89	103		10	150	30	450	500	2.95
4	102	117		10	150	30	450	500	3.44
5	127	142		10	150	30	450	600	4.56
6	152	167		10	150	30	450	600	5.41
8	203	225		10	150	30	450	1000	12.45
10	254	280		10	150	30	450	1300	19.53
12	304	332		10	150	30	450	1600	26.47

Application:

Mandrel hard wall hose used for the suction and delivery of petroleum products with aromatic content up to 30%

Construction:

Inner tube : Black, smooth, NBR rubber
 Reinforcement : High strength synthetic cord, anti-static copper wire
 Available and steel helix wire
 Outer Cover : black, wrapped finish, synthetic rubber, weathering and oil resistant

Temp. Range

-20°C to +80°C

Suction Discharge

OIL SUCTION DISCHARGE HOSE W.P.20 BAR



Hose I.D		Hose O.D	Working Pressure		Burst Pressure		Bend Radius	Normal Weight
inch	mm	mm	bar	psi	bar	psi	mm	kg/m
3/4	19	30	20	300	60	900	160	0.67
1	25	36	20	300	60	900	180	0.84
1-1/4	32	44	20	300	60	900	200	0.95
1-1/2	38	51	20	300	60	900	250	1.20
2	51	64	20	300	60	900	300	1.55
2-1/2	64	78	20	300	60	900	400	2.17
3	76	90	20	300	60	900	400	2.54
3-1/2	89	103	20	300	60	900	500	2.95
4	102	117	20	300	60	900	500	3.44
5	127	142	20	300	60	900	600	4.56
6	152	167	20	300	60	900	600	5.41
8	203	225	20	300	60	900	1000	12.45
10	254	280	20	300	60	900	1300	19.53
12	304	332	20	300	60	900	1600	26.47

Application:

Mandrel hard wall hose used for the suction and delivery of petroleum products with aromatic content up to 30%

Construction:

Inner tube : Black, smooth, NBR rubber
 Reinforcement : high strength synthetic cord,
 anti-static copper wire
 Available and steel helix wire
 Outer Cover : black, wrapped finish,
 synthetic rubber, weathering
 and oil resistant

Temp. Range

-20°C to +80°C

Suction Discharge

OIL SUCTION DISCHARGE HOSE W.P.40 BAR



Hose I.D		Hose O.D		Working Pressure		Burst Pressure		Bend Radius	Normal Weight
inch	mm	mm		bar	psi	bar	psi	mm	kg/m
3/4	19	30		40	600	80	1200	160	1.17
1	25	36		40	600	80	1200	180	1.62
1-1/4	32	44		40	600	80	1200	200	2.03
1-1/2	38	51		40	600	80	1200	250	2.51
2	51	64		40	600	80	1200	300	3.41
2-1/2	64	78		40	600	80	1200	400	4.31
3	76	90		40	600	80	1200	400	5.20
3-1/2	89	103		40	600	80	1200	500	6.05
4	102	117		40	600	80	1200	500	6.80
5	127	142		40	600	80	1200	600	8.59
6	152	167		40	600	80	1200	600	11
8	203	225		40	600	80	1200	1000	14.45
10	254	280		40	600	80	1200	1300	21.35
12	304	332		40	600	80	1200	1600	28.32

Application:

Mandrel hard wall hose used for the suction and delivery of petroleum products with aromatic content up to 30%

Construction:

Inner tube : Black, smooth, NBR rubber
 Reinforcement : high strength synthetic cord,
 anti-static copper wire
 Available and steel helix wire
 Outer Cover : black, wrapped finish,
 synthetic rubber, weathering
 and oil resistant

Temp. Range

-20°C to +80°C

Suction Discharge

ACID-ALKALI SUCTION DISCHARGE HOSE



Hose I.D		Hose O.D		Working Pressure		Burst Pressure		Bend Radius	Normal Weight	Vacuum
inch	mm	mm		bar	psi	bar	psi	mm	kg/m	bar
1/2	13	27		10	150	40	600	60	0.58	0.9
3/4	19	32		10	150	40	600	80	0.67	0.9
1	25	38		10	150	40	600	115	0.87	0.9
1-1/4	32	46.5		10	150	40	600	145	1.16	0.9
1-1/2	38	51		10	150	40	600	180	1.23	0.9
2	51	65		10	150	40	600	245	1.77	0.9
3	76	92		10	150	40	600	390	2.99	0.9
4	102	120		10	150	40	600	555	4.65	0.9

Application:
designed to handle a wide range of chemicals, acids and alcohols during production and transport operations; it is specially recommended for the transfer of industrial waters, Sea water and for use on water purification works

Construction:
Inner tube : black, smooth, EPR rubber compound
Reinforcement : High strength synthetic cord and helix wire
Outer Cover : black, smooth (wrapped finish) EPR rubber compound

Temp. Range
-40°C to +120°C