

# PVC - HDPE

PIPE & FITTING



PIPE DIVISION OF PT. TJAKRINDO MAS

**SUPRALON**

# SUPRALON PVC PIPE

 SUPRALON adalah merk Divisi Pipa yang diproduksi oleh PT. Tjakrindo Mas, guna memenuhi kebutuhan masyarakat akan kualitas pipa yang bagus dan tahan lama. Yang telah diuji sesuai dengan Standart SNI dan ISO.

PVC adalah salah satu bahan termoplastik yang paling sering digunakan untuk berbagai produk dalam pipa dan alat kelengkapan industri . Karena kelenturan yang sangat baik , korosi dan sifat ketahanannya.

*Supralon Pipe Division is the brand produced by PT . Tjakrindo Mas , in order to meet the needs of the community will be a good quality pipe and durable . Which has been tested in accordance with ISO Standard and ISO .*

*PVC is a thermoplastic material that is most often used for a variety of products in the pipe and fittings industry . Due to excellent stiffness , corrosion and durability properties .*

 Penggunaan SUPRALON HDPE :

- Saluran Air Minum & Gas Cair
- Distribusi Air Panas
- Proteksi Kabel Bawah Tanah
- Saluran Pipa Dasar Laut

**HDPE SUPRALON applications:**

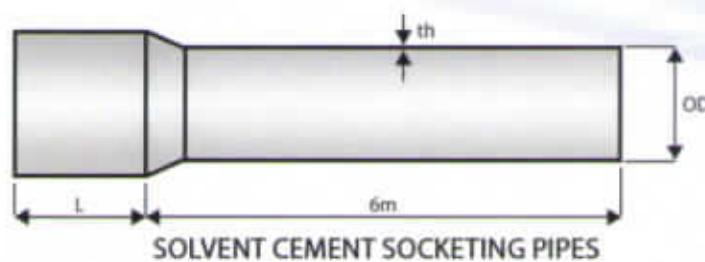
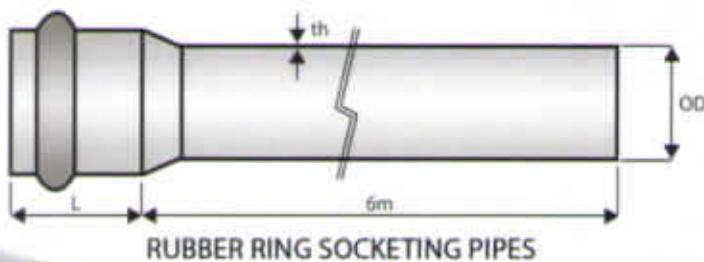
- Channels Water & Gas Liquid
- Hot Water Distribution
- Protection of Underground Cable
- Seabed Pipeline

 Keuntungan SUPRALON :

- Kelenturan yang Tinggi
- Tahan terhadap Panas, Benturan dan Abrasi
- Mengurangi Penggunaan Sambungan

**SUPRALON advantages :**

- Flexibility of the High
- Resistant to Heat , Conflict and Abrasion
- Reduce the use of Connection



SOLVENT CEMENT SOCKETING PIPES

RUBBER RING SOCKETING PIPES

## SPECIFICATION PIPE STANDARD - SNI 06 - 0084 - 2002

Diameter		Thickness (mm)				Length mtr
Nomical Inch	Outside mm	S - 8	S - 10	S - 12,5	S - 16	
5/8"	16	1.0	0.8	0.7	0.5	6
1/2"	20	1.2	1.0	0.8	0.7	6
3/4"	25	1.5	1.2	1.0	0.8	6
1"	32	1.9	1.6	1.3	1.0	6
1 1/4"	40	2.4	1.9	1.6	1.3	6
1 1/2"	50	3.0	2.4	2.0	1.6	6
2"	63	3.8	3.0	2.4	2.0	6
2 1/2"	75	4.5	3.6	2.9	2.3	6
3"	90	5.4	4.3	3.5	2.8	6
4"	110	6.6	5.3	4.2	3.4	6
6"	160	9.5	7.7	6.2	4.9	6
8"	200	11.9	9.6	7.7	6.2	6
10"	250	14.8	11.9	9.6	7.7	6
12"	315	18.7	15.0	12.1	9.7	6
14"	355	21.1	16.9	13.6	10.9	6
16"	400	23.7	19.1	15.3	12.3	6
18"	450	26.7	21.5	17.2	13.8	6
20"	500	28.6	23.9	19.1	15.3	6
22"	560	-	26.7	21.4	17.2	6
24"	630	-	30.0	24.1	19.3	6
28"	710	-	-	27.2	21.8	6
32"	800	-	-	30.6	24.5	6

## PVC PIPE SEWAGE USED SNI 06 - 0162 - 1987

Outside Diameter (mm)	Thickness	
	Class A	Class B
40	1.8	3.2
50	1.8	3.2
63	1.8	3.2
75	1.8	3.2
90	1.8	3.2
110	2.2	3.2
160	3.2	4.0
200	3.9	4.9
250	4.9	6.2
315	6.2	7.7
400	7.8	9.8



**SUPRALON HDPE PIPE****BLACK & DOUBLE LAYER**

SPECIFICATION PIPE DIMENSIONS SNI 4829.2 : 2012

<b>SERIES</b>	<b>S - 12.5</b>	<b>S - 10</b>	<b>S - 8</b>	<b>S - 6.3</b>	<b>S - 5</b>	<b>S - 4</b>	<b>S - 3.2</b>
SDR	SDR - 26	SDR - 21	SDR - 17	SDR - 13.6	SDR - 11	SDR - 9	SDR - 7.4
PE - 100	PN - 6	PN - 8	PN - 10	PN - 12.5	PN - 16	PN - 20	PN - 25
Outside Diameter (mm)	Wall Thickness (mm)						
16	-	-	-	-	1.6	2.0	2.3
20	-	-	-	1.6	2.0	2.3	3.0
25	-	-	1.6	2.0	2.3	3.0	3.5
32	-	1.6	2.0	2.4	3.0	3.6	4.4
40	1.6	2.0	2.4	3.0	3.7	4.5	5.5
50	2.0	2.4	3.0	3.6	4.6	5.6	6.9
63	2.5	3.0	3.8	4.7	5.8	7.1	8.6
75	2.9	3.6	4.5	5.6	6.8	8.4	10.3
90	3.5	4.3	5.4	6.7	8.2	10.1	12.3
110	4.2	5.3	6.6	8.1	10.0	12.3	15.1
125	4.8	6.0	7.4	9.2	11.4	14.0	17.1
140	5.4	6.7	8.3	10.3	12.7	15.7	19.2
160	6.2	7.7	9.5	11.8	14.6	17.9	21.9
180	6.9	8.6	10.7	13.3	16.4	20.1	24.6
200	7.7	9.6	11.9	14.7	18.2	22.4	27.4
225	8.6	10.8	13.4	16.6	20.5	25.2	30.8
250	9.6	11.9	14.8	18.4	22.7	27.9	34.2
280	10.7	13.4	16.6	20.6	25.4	31.3	38.3
315	12.1	15.0	18.7	23.2	28.6	35.2	43.1
355	13.6	16.9	21.1	26.1	32.2	39.7	48.5
400	15.3	19.1	23.7	29.4	36.3	44.7	54.7
450	17.2	21.5	26.7	33.1	40.9	50.3	61.5
500	19.1	23.9	29.7	36.8	45.4	55.8	
560	21.4	26.7	33.2	41.2	50.8	62.5	
630	24.1	30.0	37.4	46.3	57.2	70.3	
710	27.2	33.9	42.1	52.2	64.5	79.3	
800	30.6	38.1	47.4	58.8	72.8	89.3	
900	34.4	42.9	53.3	66.2	81.7		
1000	38.2	47.7	59.3	72.5	90.2		
1200	45.9	57.2	67.9	88.2			

**SPECIFICATION PE PIPE FOR GASES DIMENSIONS ISO 4437**

Outside Diameter (mm)	Wall Thickness (mm)		Length of Pipe Roll (meter)
	PE 80 SDR 11 - S5	PE 100 SDR 17.6 - S8.3	
20	3.0	2.30	50, 100, 200
25	3.0	2.30	50, 100, 200
32	3.0	2.30	50, 100, 200
40	3.7	2.30	50, 100, 200
50	4.6	2.90	50, 100, 200
63	5.8	3.60	6, 50, 100
75	6.8	4.30	6, 50
90	8.2	5.20	6
110	10	6.30	6
125	11.4	7.10	6
140	12.7	8.00	6
160	14.6	9.10	6
180	16.4	10.30	6
200	18.2	11.40	6
225	20.5	12.80	6
250	22.7	14.20	6
280	25.4	15.90	6
315	28.6	17.90	6
355	32.3	20.20	6
400	36.4	22.80	6
500	45.5	28.50	6



PE 100 DOUBLE LAYER



TELKOM PIPE - BLACK



TELKOM PIPE - ORANGE

**SPECIFICATION OF TELKOM PE PIPE**

Specification PE Pipe for Fibre Optic Cable :

STEL - L - 039 - 2008/Ver.2.2

Color : Black with 4 White Strip

Specification PE Pipe for Fibre Optic Cable :

STEL - L - 039 - 2008/Ver.2.2

Color : Orange with 4 Blue Strip

Diameter (mm)	Wall Thickness (mm)	Length of Pipe Roll (meter)	Diameter (mm)	Wall Thickness (mm)	Length of Pipe Roll (meter)
32 X 27	2.5	200 - 500	32 X 26	3.0	200 - 500
32 X 28	2.0	200 - 500	40 X 33	3.5	200 - 300
40 X 34	3.0	200 - 300	50 X 42	4.0	50 - 100

# SUPRALON FITTING

## PVC FITTING

PVC - fitting digunakan untuk sistem sanitasi perumahan dan komersial. Fitting ini bergabung dengan threading atau penyemenan pelarut dan dapat dengan mudah dihubungkan dengan baja , tembaga atau besi cor melalui penggunaan alat kelengkapan transisi.

*PVC - sanitary fittings used for residential and commercial systems . These fittings are joined by threading or cementing solvent and can be easily connected with steel , copper or cast iron through the use of transition fittings .*



REDUCER ALL RUBBER RING



END CAP RUBBER RING



TEE ALL RUBBER RING



REDUCER SOCKET



TEE ALL SOCKET



FLANGE SOCKET



FLANGE SOCKET RUBBER RING



BEND SOCKET SPIGOT



SNI PVC PIPE

## ④ COMPRESSION FITTING

Fitting kompresi digunakan dalam pipa dengan menggabungkan antara dua/tiga tabung atau pipa berdinding tipis bersama-sama.

*Compression fittings are used in pipes by combining two / three thin -walled tubes or pipes together .*



EQUAL TEE COUPLING



ELBOW COUPLING

## ⑤ FABRICATION FITTING



90° BEND



45° BEND

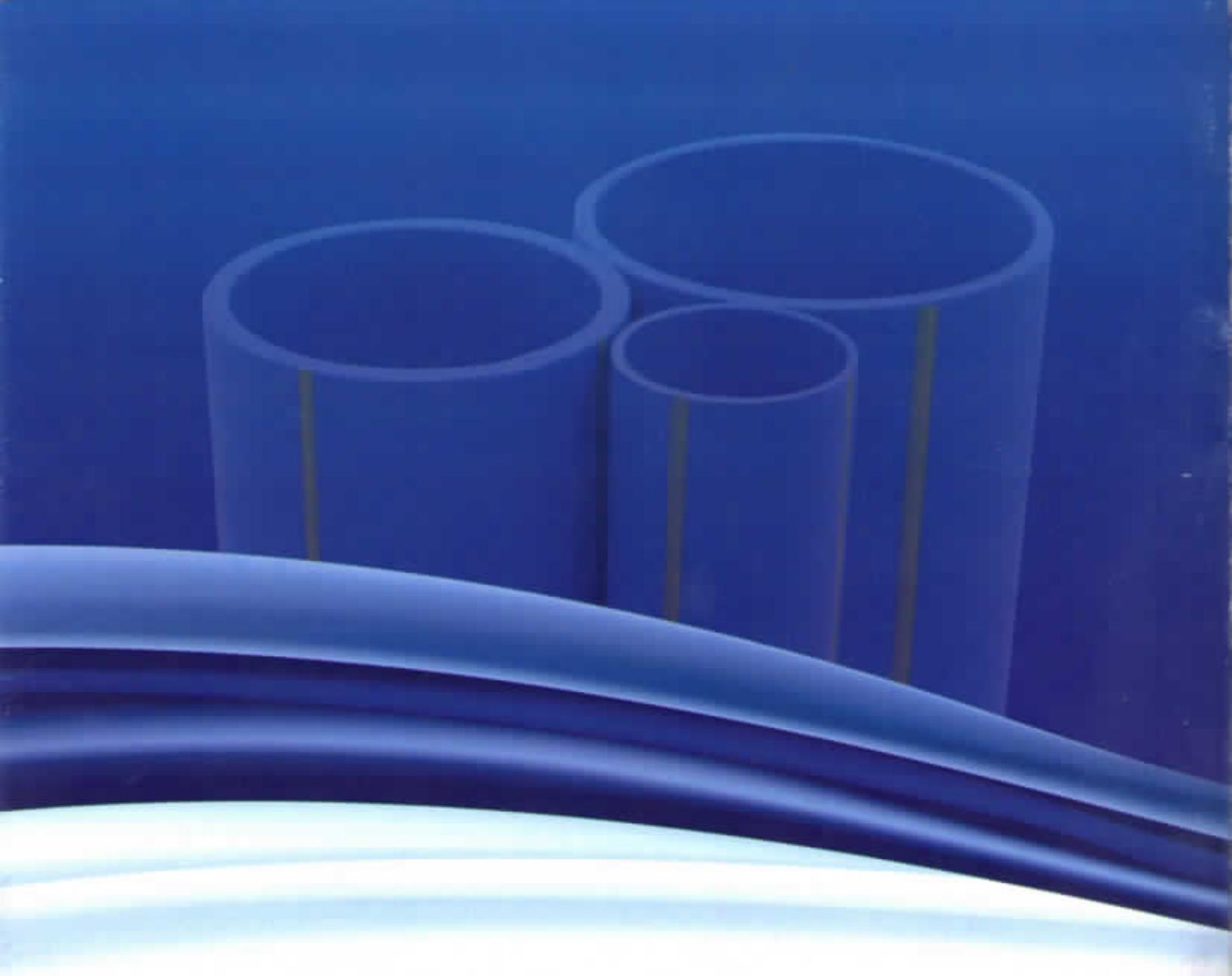


REDUCER & STUB END



EQUAL TEE PE





 PT TJAKRINDO MAS



  
Komite Akreditasi Nasional  
LEMBAGA SERTIFIKASI SISTEM MUTU  
LSSM-011-IDN

