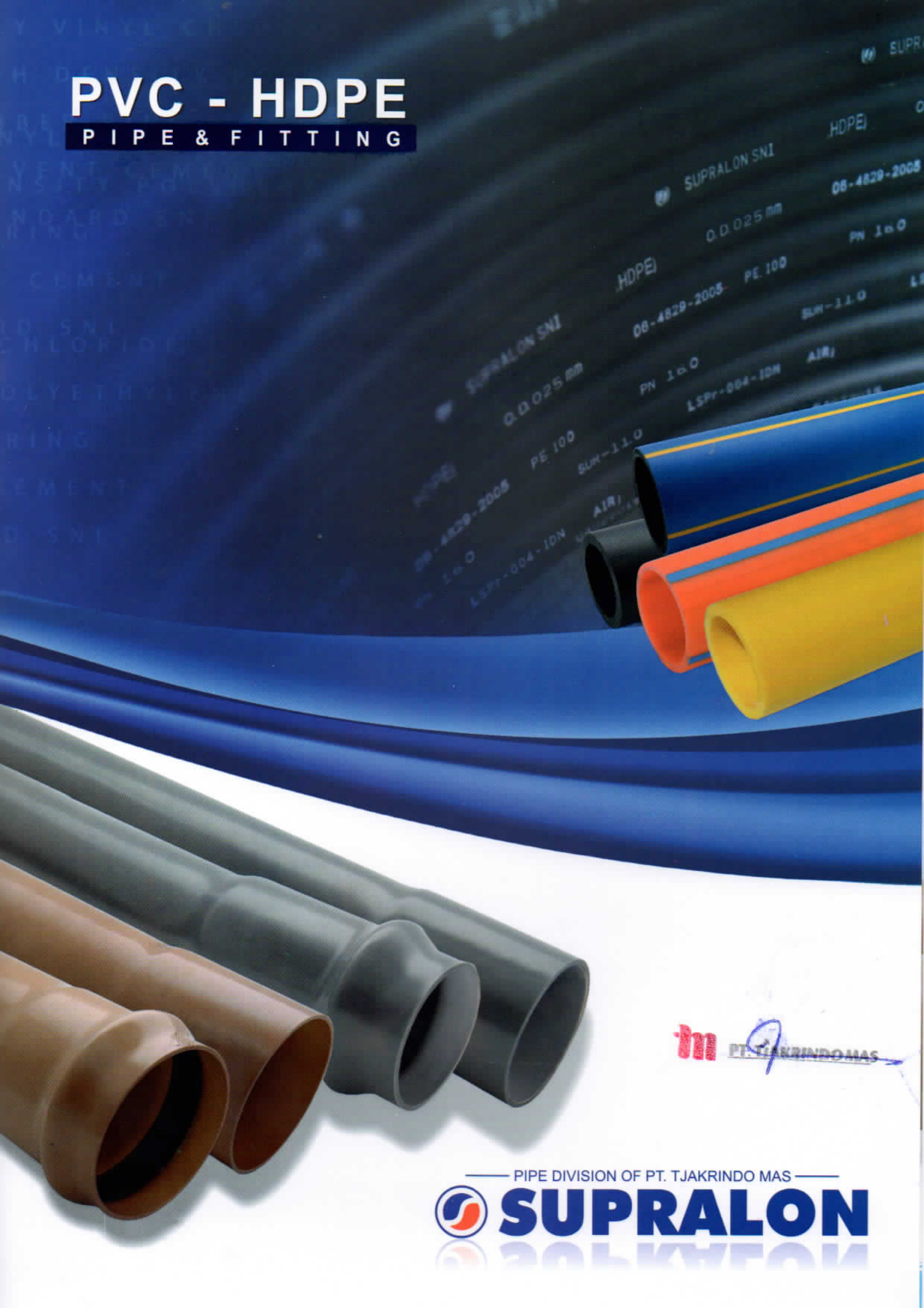


# PVC - HDPE

PIPE & FITTING



**in** PT. TAJKRINDO MAS

PIPE DIVISION OF PT. TAJKRINDO MAS

**SUPRALON**

# SUPRALON PVC PIPE

**SUPRALON** adalah merk Divisi Pipa yang diproduksi oleh **PT. Tjkrindo Mas**, guna memenuhi kebutuhan masyarakat akan kualitas pipa yang bagus dan tahan lama. Yang telah teruji sesuai dengan Standar 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. Tjkrindo 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 SNI 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 Laut
- Saluran Pipa Dasar laut

**SUPRALON HDPE Application :**

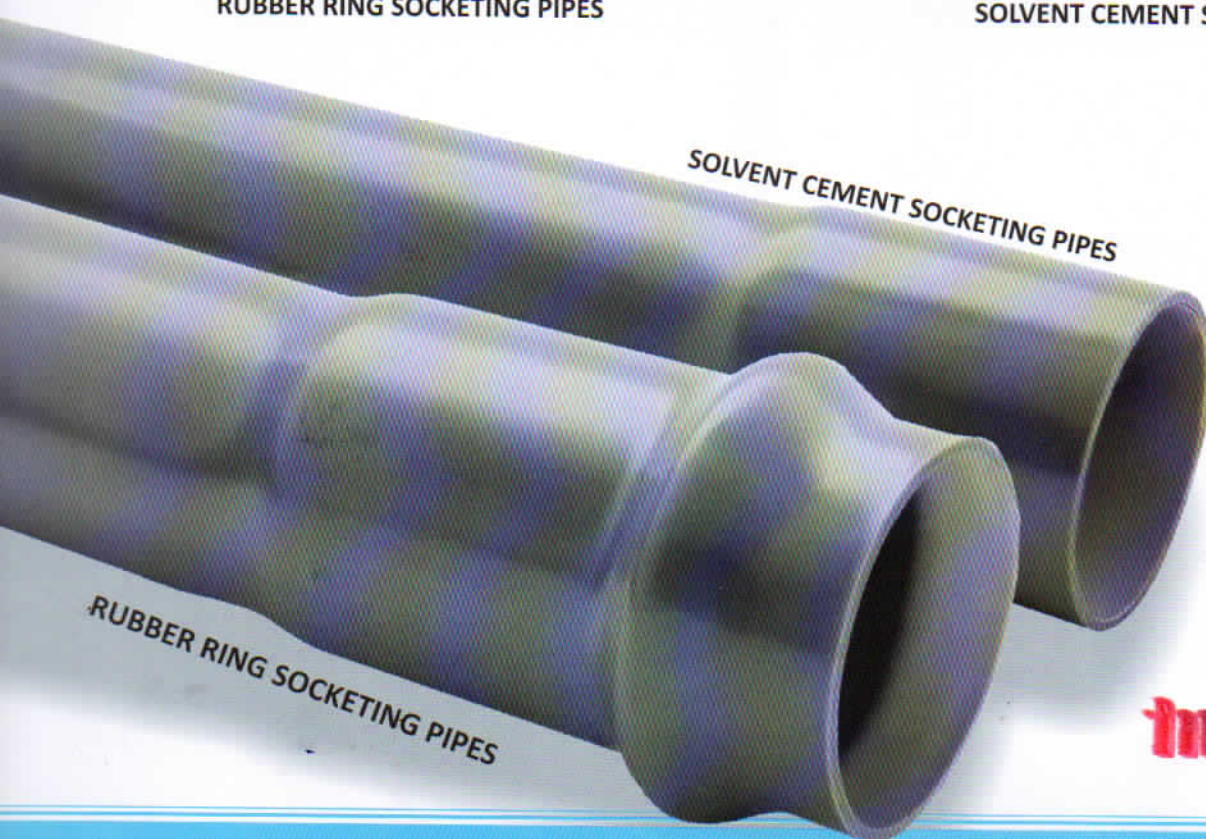
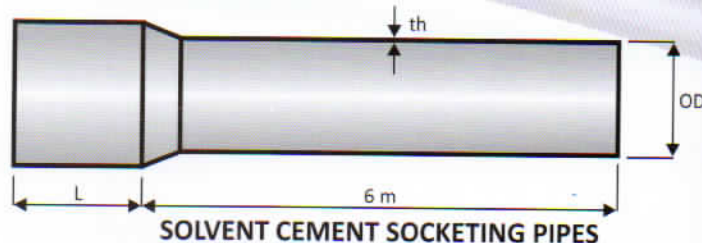
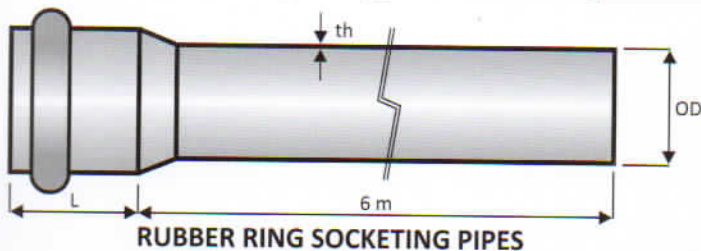
- Channels Water & Gas Liquid
- Hot Water Distribution
- Protection of Underground cable
- Seabed Pipeline

**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



SPECIFICATION PIPE STANDARD - SNI 06 - 0084 - 2002

| Diameter        |               | Thickness (mm) |        |          |        | Length<br>mtr |
|-----------------|---------------|----------------|--------|----------|--------|---------------|
| Nominal<br>inch | Outside<br>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<br>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 : 2015**

| SERIES                | S - 12.5            | S - 10   | S - 8    | S - 6.3    | S - 5    | S - 4   | S - 3.2   |
|-----------------------|---------------------|----------|----------|------------|----------|---------|-----------|
| 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                    | -                   | -        | -        | -          | -        | 2.0     | 2.3       |
| 20                    | -                   | -        | -        | -          | 2.0      | 2.3     | 3.0       |
| 25                    | -                   | -        | -        | 2.0        | 2.3      | 3.0     | 3.5       |
| 32                    | -                   | -        | 2.0      | 2.4        | 3.0      | 3.6     | 4.4       |
| 40                    | -                   | 2.0      | 2.4      | 3.0        | 3.7      | 4.5     | 5.5       |
| 50                    | 2.0                 | 2.4      | 3.0      | 3.7        | 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       | 72.6     | 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<br>SDR 11-S5  | PE 100<br>SDR 17 - S8 |                             |
| 20                    | 2.3                 |                       | 50, 100, 200                |
| 25                    | 2.3                 |                       | 50, 100, 200                |
| 32                    | 3.0                 | 2.30                  | 50, 100, 200                |
| 40                    | 3.7                 | 2.40                  | 100, 200                    |
| 50                    | 4.6                 | 3.00                  | 50, 100                     |
| 63                    | 5.8                 | 3.80                  | 6, 50, 100                  |
| 75                    | 6.8                 | 4.50                  | 6, 50                       |
| 90                    | 8.2                 | 5.40                  | 6, 12, 50                   |
| 110                   | 10                  | 6.60                  | 6, 12, 50                   |
| 125                   | 11.4                | 7.40                  | 6                           |
| 140                   | 12.7                | 8.30                  | 6                           |
| 160                   | 14.6                | 9.50                  | 6                           |
| 180                   | 16.4                | 10.70                 | 6                           |
| 200                   | 18.2                | 11.90                 | 6                           |
| 225                   | 20.5                | 13.40                 | 6                           |
| 250                   | 22.7                | 14.80                 | 6                           |
| 280                   | 25.4                | 16.60                 | 6                           |
| 315                   | 28.6                | 18.70                 | 6                           |
| 355                   | 32.2                | 21.10                 | 6                           |
| 400                   | 36.4                | 23.70                 | 6                           |
| 500                   | 45.5                | 29.70                 | 6                           |



PE 100 DOUBLE LAYER



TELKOM PIPE - BLACK



TELKOM PIPE - ORANGE



GAS PIPE - YELLOW

## 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

| Diameter (mm) | Wall Thickness (mm) | Length of Pipe Roll (meter) |
|---------------|---------------------|-----------------------------|
| 32 X 27       | 2.5                 | 200 - 500                   |
| 32 X 28       | 2.0                 | 200 - 500                   |
| 40 X 34       | 3.0                 | 200 - 500                   |

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) |
|---------------|---------------------|-----------------------------|
| 32 X 26       | 3.0                 | 200 - 500                   |
| 40 X 33       | 3.5                 | 200 - 500                   |
| 50 X 42       | 4.0                 | 50 - 100                    |

## 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, cooper or cast iron through the use of transition fittings.*



REDUCER ALL RUBBER RING



END CAP RUBBER RING



TEE ALL RUBBER RING



REDUCER SOCK



TEE ALL SOCKET



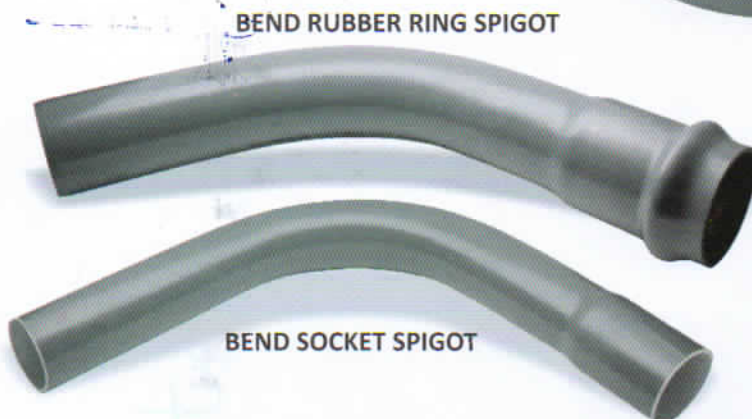
FLANGE SOCKET



FLANGE SOCKET RUBBER RING



SNI PVC PIPE



BEND RUBBER RING SPIGOT

BEND SOCKET SPIGOT

## 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

## FABRICATION FITTING



45° BEND



22,5° BEND



REDUCER & STUB END



EQUAL TEE PE

 **PT. TIARINDO MAS**



*PT TJAKRINDO MAS*

**PT TJAKRINDO MAS**



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[www.tjakrindomas.co.id](http://www.tjakrindomas.co.id)