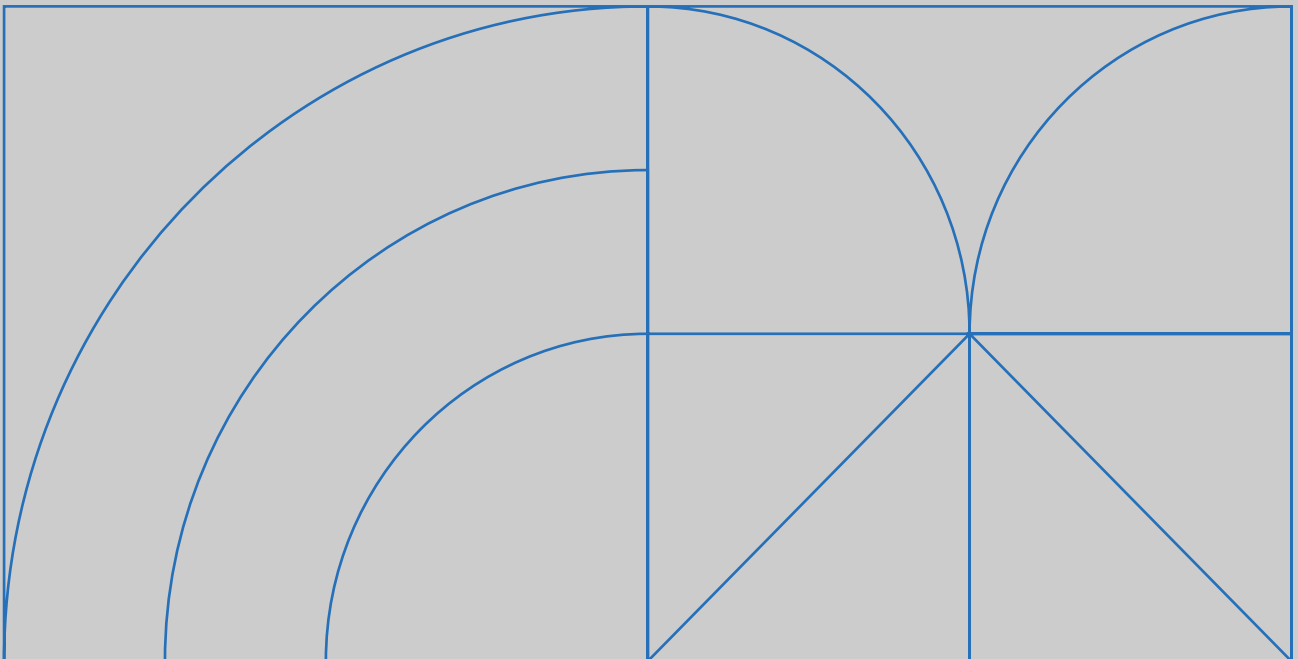




# RED SEA Company Profile





**RED SEA**  
PIPES & FITTINGS

## A large collection of various plumbing and drainage components, including pipes, fittings, valves, and connectors, displayed on a blue background. The components are arranged in a dense, overlapping manner, showcasing a wide range of materials and designs. The items include white and grey pipes of various diameters, green and black fittings, a large black storage tank, a white filter unit, a grey valve, and a white flexible hose. The components are arranged in a dense, overlapping manner, showcasing a wide range of materials and designs.

# Guide

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# Guide

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# Company Profile

Red Sea Pipes is a leading brand in plastic pipes and fittings and a key stakeholder in all the region's major infrastructure and real-estate projects. RSP is renowned for its enormous production capacity reaching 150,000 ton/year, products portfolio exceeding 8000 products, as well as its ready-to-ship strategy having ready products exceeding 20,000 tons at any moment in time.

RSP has been always leading in introducing not just new systems and products to the region, but also new technologies including Industry 4.0 and digitization of the production process. In addition, it has been one of the first to introduce CNC machines for fittings and automated pipe perforation, supplying various projects around the world.

## 6

**PRODUCTION  
FACILITIES**

## 75+

**PRODUCTION  
LINES**

## 27

**UNIQUE  
SYSTEMS**

## 500+

**CONSULTANTS  
APPROVALS**

## 8K+

**DIFFERENT  
PRODUCTS**

## 150K+

**CAPACITY  
TON / YEAR**

More than 800 team members are one of the greatest assets for RSP. Production is managed and executed by the highest calibers in the region maintaining a world-class quality approved and accredited internationally. Thanks to the team experience and high technical skills, RSP is leading the fabrication and special products for both HDPE and UPVC supporting clients and partners around the world.



# Partners

## DEVELOPERS



## CONSULTANTS



## CONSTRUCTION



**Red Sea Pipes is proudly one of the main suppliers for rebuilding Egypt in partnership with the top consultants, construction companies and developers.**

### Major National Projects



Projects include New Suez Canal, Toshka major agriculture initiative, Delta agriculture project, and Dabaa nuclear plant ( NPPA )

### New Urban Communities



Projects include El-Alamein, Al Galala, New Mansoura, New Aswan, New Damietta, and New Ismailia Cities

### Tunnels and Roads Networks



Projects include High Dam Railway Line, Egypt's Monorail , Greater Cairo Metro, and Ring Road.

### New administrative Capital City



Projects include Residential District (R), CBD New Capital, and Central Park of New Capital

# Red Sea Pipes contributes in major projects in the Middle East and Africa.

## Market Leader in Libya & Iraq

Red Sea Pipes has been leading the plumbing market in Libya & Iraq and the surrounding countries for more than 20 years. Currently RSP is supporting the mega infrastructure projects in Libya & Iraq supplying HDPE and DWC products.

## Internationally Funded Projects Sudan & Yemen

Thanks to RSP's world-class trusted quality and top materials, it's been supplying various projects in Sudan funded and audited by World Bank and United Nations. RSP continues to support the region for current and future real-estate and infrastructure projects.



# 01 — Solid Wall HDPE Pipes & Fittings [ DIN8074/8075 ]

HDPE pipe is used across the globe for applications such as water mains, gas mains, sewer mains, lines, rural irrigation, fire system supply lines, and others.



## PE-100 Pipes



| ITEM                              | VALUE                       |
|-----------------------------------|-----------------------------|
| Size (OD)                         | 20 -1600 mm                 |
| PRESSURE BAR                      | PN[6-8-10-12.5-16-20]       |
| JOINTING                          | BUTT FUSION - ELECTROFUSION |
| MOLDED FITTINGS AVAILABLE IN PN10 |                             |

## Molded Fittings

### Elbow 90°



| Øe mm | Pressure Rating (Bar) SDR |
|-------|---------------------------|
| 50    | SDR11- PN16               |
| 63    | SDR11- PN16               |
| 75    | SDR11- PN16               |
| 90    | SDR11- PN16               |
| 110   | SDR11- PN16               |
| 125   | SDR11- PN16               |
| 140   | SDR11- PN16               |
| 160   | SDR11- PN16               |
| 200   | SDR11- PN16               |
| 225   | SDR11- PN16               |
| 250   | SDR11- PN16               |
| 280   | SDR11- PN16               |
| 315   | SDR11- PN16               |

### Elbow 45°



| Øe mm | Pressure Rating (Bar) SDR |
|-------|---------------------------|
| 50    | SDR11- PN16               |
| 63    | SDR11- PN16               |
| 75    | SDR11- PN16               |
| 90    | SDR11- PN16               |
| 110   | SDR11- PN16               |
| 125   | SDR11- PN16               |
| 140   | SDR11- PN16               |
| 160   | SDR11- PN16               |
| 200   | SDR11- PN16               |
| 225   | SDR11- PN16               |
| 250   | SDR11- PN16               |
| 280   | SDR11- PN16               |
| 315   | SDR11- PN16               |



TEE



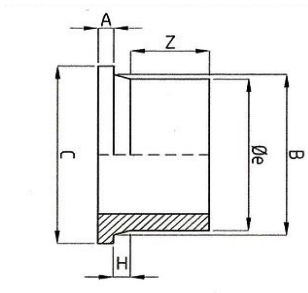
| Øe<br>mm | Pressure Rating (Bar)<br>SDR |
|----------|------------------------------|
| 50       | SDR11- PN16                  |
| 63       | SDR11- PN16                  |
| 75       | SDR11- PN16                  |
| 90       | SDR11- PN16                  |
| 110      | SDR11- PN16                  |
| 125      | SDR11- PN16                  |
| 140      | SDR11- PN16                  |
| 160      | SDR11- PN16                  |
| 200      | SDR11- PN16                  |
| 225      | SDR11- PN16                  |
| 250      | SDR11- PN16                  |
| 280      | SDR11- PN16                  |
| 315      | SDR11- PN16                  |

Y -TEE



| Øe<br>mm | Pressure Rating (Bar)<br>SDR |
|----------|------------------------------|
| 50       | SDR11 - PN16                 |
| 63       | SDR11 - PN16                 |
| 75       | SDR11 - PN16                 |
| 90       | SDR11 - PN16                 |
| 110      | SDR11 - PN16                 |

Flange Adaptor



| Øe<br>mm | Pressure Rating<br>(Bar ) SDR |
|----------|-------------------------------|
| 32       | SDR11 - PN16                  |
| 40       | SDR11 - PN16                  |
| 50       | SDR11 - PN16                  |
| 63       | SDR11 - PN16                  |
| 75       | SDR11 - PN16                  |
| 90       | SDR11 - PN16                  |
| 110      | SDR11 - PN16                  |
| 125      | SDR11 - PN16                  |
| 140      | SDR11 - PN16                  |
| 160      | SDR11 - PN16                  |
| 180      | SDR11 - PN16                  |
| 200      | SDR11 - PN16                  |
| 225      | SDR11 - PN16                  |
| 250      | SDR11 - PN16                  |
| 280      | SDR11 - PN16                  |
| 315      | SDR11 - PN16                  |
| 355      | SDR11 - PN16                  |
| 400      | SDR11 - PN16                  |
| 450      | SDR11 - PN16                  |
| 500      | SDR11 - PN16                  |
| 560      | SDR11 - PN16                  |
| 630      | SDR11 - PN16                  |
| 710      | SDR11 - PN16                  |
| 800      | SDR11 - PN16                  |

## Reduced TEE



| Øe<br>mm  | Pressure Rating (Bar )<br>SDR |
|-----------|-------------------------------|
| 50 X 25   | SDR11 - PN16                  |
| 50 X 32   | SDR11 - PN16                  |
| 63 X 32   | SDR11 - PN16                  |
| 63 X 40   | SDR11 - PN16                  |
| 63 X 50   | SDR11 - PN16                  |
| 75 X 32   | SDR11 - PN16                  |
| 75 X 40   | SDR11 - PN16                  |
| 75 X 50   | SDR11 - PN16                  |
| 75 X 63   | SDR11 - PN16                  |
| 90 X 50   | SDR11 - PN16                  |
| 90 X 63   | SDR11 - PN16                  |
| 90 X 75   | SDR11 - PN16                  |
| 110 X 50  | SDR11 - PN16                  |
| 110 X 63  | SDR11 - PN16                  |
| 110 X 75  | SDR11 - PN16                  |
| 110 X 90  | SDR11 - PN16                  |
| 125 X 63  | SDR11 - PN16                  |
| 125 X 42  | SDR11 - PN16                  |
| 125 X 90  | SDR11 - PN16                  |
| 125 X 110 | SDR11 - PN16                  |
| 140 X 63  | SDR11 - PN16                  |
| 140 X 75  | SDR11 - PN16                  |
| 140 X 90  | SDR11 - PN16                  |
| 140 X 110 | SDR11 - PN16                  |
| 140 X 125 | SDR11 - PN16                  |
| 160 X 63  | SDR11 - PN16                  |
| 160 X 75  | SDR11 - PN16                  |
| 160 X 90  | SDR11 - PN16                  |
| 160 X 110 | SDR11 - PN16                  |
| 160 X 125 | SDR11 - PN16                  |
| 160 X 140 | SDR11 - PN16                  |
| 200 X 160 | SDR 11 - SDR17                |
| 200 X 110 | SDR 11 - SDR17                |
| 200 X 75  | SDR 11 - SDR17                |
| 225 X 180 | SDR 11 - SDR17                |
| 225 X 125 | SDR 11 - SDR17                |
| 250 X 200 | SDR 11 - SDR17                |
| 250 X 160 | SDR 11 - SDR17                |
| 250 X 110 | SDR 11 - SDR17                |
| 280 X 225 | SDR 11 - SDR17                |
| 280 X 200 | SDR 11 - SDR17                |
| 280 X 160 | SDR 11 - SDR17                |
| 315 X 250 | SDR 11 - SDR17                |
| 315 X 200 | SDR 11 - SDR17                |
| 315 X 160 | SDR 11 - SDR17                |
| 315 X 110 | SDR 11 - SDR17                |



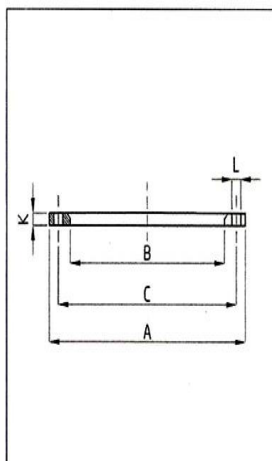
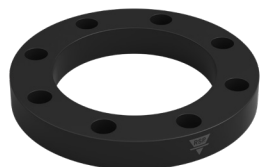
# Reducer



| Øe<br>mm  | Pressure Rating<br>(Bar) |
|-----------|--------------------------|
| 32 X 20   | SDR11 - PN16             |
| 32 X 25   | SDR11 - PN16             |
| 40 X 20   | SDR11 - PN16             |
| 40 X 25   | SDR11 - PN16             |
| 40 X 32   | SDR11 - PN16             |
| 50 X 25   | SDR11 - PN16             |
| 50 X 32   | SDR11 - PN16             |
| 50 X 40   | SDR11 - PN16             |
| 63 X 25   | SDR11 - PN16             |
| 63 X 32   | SDR11 - PN16             |
| 63 X 40   | SDR11 - PN16             |
| 63 X 50   | SDR11 - PN16             |
| 75 X 40   | SDR11 - PN16             |
| 75 X 50   | SDR11 - PN16             |
| 75 X 63   | SDR11 - PN16             |
| 90 X 50   | SDR11 - PN16             |
| 90 X 63   | SDR11 - PN16             |
| 90 X 75   | SDR11 - PN16             |
| 110 X 50  | SDR11 - PN16             |
| 110 X 63  | SDR11 - PN16             |
| 110 X 75  | SDR11 - PN16             |
| 110 X 90  | SDR11 - PN16             |
| 125 X 75  | SDR11 - PN16             |
| 125 X 90  | SDR11 - PN16             |
| 125 X 110 | SDR11 - PN16             |
| 140 X 75  | SDR11 - PN16             |
| 140 X 90  | SDR11 - PN16             |
| 140 X 110 | SDR11 - PN16             |
| 140 X 125 | SDR11 - PN16             |
| 160 X 90  | SDR11 - PN16             |
| 160 X 110 | SDR11 - PN16             |
| 160 X 125 | SDR11 - PN16             |
| 160 X 140 | SDR11 - PN16             |
| 200 X 110 | SDR11 - PN16             |
| 200 X 125 | SDR11 - PN16             |
| 200 X 140 | SDR11 - PN16             |
| 200 X 160 | SDR11 - PN16             |
| 200 X 180 | SDR11 - PN16             |
| 225 X 160 | SDR11 - PN16             |
| 225 X 180 | SDR11 - PN16             |
| 225 X 200 | SDR11 - PN16             |
| 250 X 160 | SDR11 - PN16             |
| 250 X 180 | SDR11 - PN16             |
| 250 X 200 | SDR11 - PN16             |
| 250 X 225 | SDR11 - PN16             |
| 280 X 200 | SDR11 - PN16             |
| 280 X 225 | SDR11 - PN16             |
| 280 X 250 | SDR11 - PN16             |
| 315 X 160 | SDR11 - PN16             |
| 315 X 200 | SDR11 - PN16             |
| 315 X 225 | SDR11 - PN16             |
| 315 X 250 | SDR11 - PN16             |
| 315 X 280 | SDR11 - PN16             |

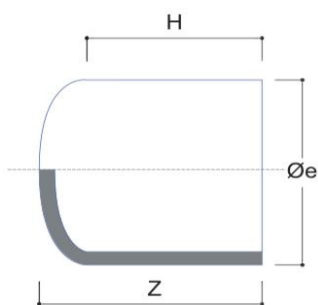
| Øe<br>mm  | Pressure Rating<br>(Bar) |
|-----------|--------------------------|
| 355 X 250 | SDR11 - PN16             |
| 355 X 280 | SDR11 - PN16             |
| 355 X 315 | SDR11 - PN16             |
| 400 X 280 | SDR11 - PN16             |
| 400 X 315 | SDR11 - PN16             |
| 400 X 355 | SDR11 - PN16             |
| 450 X 315 | SDR11 - PN16             |
| 450 X 355 | SDR11 - PN16             |
| 450 X 400 | SDR11 - PN16             |
| 500 X 355 | SDR11 - PN16             |
| 500 X 400 | SDR11 - PN16             |
| 500 X 450 | SDR11 - PN16             |
| 560 X 400 | SDR11 - PN16             |
| 560 X 450 | SDR11 - PN16             |
| 560 X 500 | SDR11 - PN16             |
| 630 X 450 | SDR11 - PN16             |
| 630 X 500 | SDR11 - PN16             |
| 630 X 560 | SDR11 - PN16             |
| 710 X 560 | SDR11 - PN16             |
| 710 X 630 | SDR11 - PN16             |
| 800 X 710 | SDR11 - PN16             |
| 900 X 800 | SDR11 - PN16             |

## PE - Casing Flange



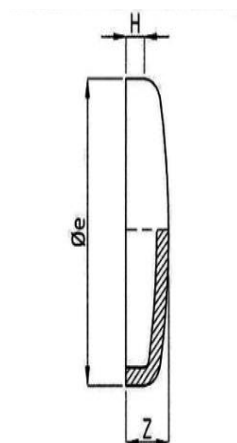
| DN<br>mm | Øe<br>mm | A<br>mm | B<br>mm | C<br>mm | L<br>mm | number<br>of holes | K mm | pn      |
|----------|----------|---------|---------|---------|---------|--------------------|------|---------|
| 50       | 50       | 150     | 62      | 110     | 18      | 4                  | 18   | 10 - 16 |
| 50       | 63       | 165     | 78      | 125     | 18      | 4                  | 18   | 10 - 16 |
| 65       | 75       | 185     | 92      | 145     | 18      | 4                  | 18   | 10 - 16 |
| 80       | 90       | 200     | 108     | 160     | 18      | 8                  | 20   | 10 - 16 |
| 100      | 110      | 220     | 128     | 180     | 18      | 8                  | 20   | 10 - 16 |
| 100      | 125      | 220     | 135     | 180     | 18      | 8                  | 20   | 10 - 16 |
| 125      | 140      | 250     | 158     | 210     | 18      | 8                  | 22   | 16      |
| 150      | 160      | 285     | 178     | 240     | 22      | 8                  | 22   | 10-16   |
| 150      | 180      | 285     | 188     | 240     | 22      | 8                  | 22   | 10-16   |
| 200      | 200      | 340     | 235     | 295     | 22      | 12                 | 22   | 16      |
| 200      | 225      | 340     | 238     | 295     | 22      | 12                 | 22   | 16      |
| 250      | 250      | 405     | 288     | 355     | 26      | 12                 | 26   | 16      |
| 250      | 280      | 405     | 294     | 355     | 26      | 12                 | 26   | 16      |
| 300      | 315      | 460     | 338     | 410     | 26      | 12                 | 26   | 16      |

## End Cap - Long



| Øe<br>mm | H<br>mm | Z<br>mm | Pressure Rating (Bar)<br>SDR |
|----------|---------|---------|------------------------------|
| 32       | 50      | 58      | SDR11 - PN16                 |
| 40       | 55      | 64      | SDR11 - PN16                 |
| 50       | 60      | 75      | SDR11 - PN16                 |
| 63       | 60      | 77      | SDR11 - PN16                 |
| 75       | 65      | 83      | SDR11 - PN16                 |
| 90       | 80      | 99      | SDR11 - PN16                 |
| 110      | 85      | 115     | SDR11 - PN16                 |
| 125      | 95      | 115     | SDR11 - PN16                 |
| 140      | 95      | 122     | SDR11 - PN16                 |
| 160      | 95      | 125     | SDR11 - PN16                 |
| 180      | 110     | 125     | SDR11 - PN16                 |
| 200      | 120     | 160     | SDR11 - PN16                 |
| 225      | 120     | 175     | SDR11 - PN16                 |
| 250      | 120     | 145     | SDR11 - PN16                 |
| 280      | 120     | 145     | SDR11 - PN16                 |
| 315      | 120     | 145     | SDR11 - PN16                 |

## End Cap - Short



| Øe<br>mm | H<br>mm | Z<br>mm | Pressure Rating (Bar)<br>SDR |
|----------|---------|---------|------------------------------|
| 355      | 80      | 110     | SDR11 - PN16                 |
| 400      | 80      | 115     | SDR11 - PN16                 |
| 450      | 110     | 135     | SDR11 - PN16                 |
| 500      | 110     | 135     | SDR11 - PN16                 |
| 630      | 100     | 125     | SDR11 - PN16                 |
| 800      | 100     | 135     | SDR11 - PN16                 |
| 900      | 120     | 140     | SDR11 - PN16                 |
| 1000     | 145     | 160     | SDR11 - PN16                 |
| 1200     | 150     | 170     | SDR11 - PN16                 |

MALE THREADED NUT



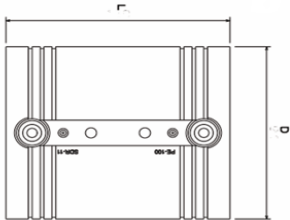
| Øe inch x mm | Pressure Rating (Bar) SDR |
|--------------|---------------------------|
| ¾" x 25      | SDR11- PN16               |
| 1" x 32      | SDR11- PN16               |
| 1¼" x 40     | SDR11- PN16               |
| 1½" x 50     | SDR11- PN16               |
| 2" x 63      | SDR11- PN16               |
| 2.5" x 75    | SDR11- PN16               |

FEMALE THREADED NUT



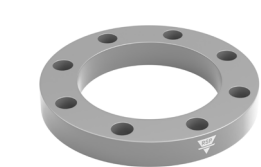
| Øe inch x mm | Pressure Rating (Bar) SDR |
|--------------|---------------------------|
| ¾" x 25      | SDR11- PN16               |
| 1" x 32      | SDR11- PN16               |
| 1¼" x 40     | SDR11- PN16               |
| 1½" x 50     | SDR11- PN16               |
| 2" x 63      | SDR11- PN16               |
| 2.5" x 75    | SDR11- PN16               |

ELECTROFUSION COUPLER



| Øe mm | Pressure Rating (Bar) SDR |
|-------|---------------------------|
| 32    | SDR11- PN16               |
| 40    | SDR11- PN16               |
| 50    | SDR11- PN16               |
| 63    | SDR11- PN16               |
| 75    | SDR11- PN16               |
| 90    | SDR11- PN16               |
| 110   | SDR11- PN16               |
| 160   | SDR11- PN16               |
| 200   | SDR11- PN16               |
| 225   | SDR11- PN16               |
| 250   | SDR11- PN16               |
| 280   | SDR11- PN16               |
| 315   | SDR11- PN16               |

Flange



| Type                  | Flange               |
|-----------------------|----------------------|
| Material              | PE100                |
| Sizes (mm)            | 75-1600              |
| Pressure Rating (Bar) | PN[6,10,16,20]       |
| Fabrication STD       | DIN16963             |
| Coating               | Iron-Galvanized Iron |

# Fabrication Technology

---

**Latest Fabrication Technology  
Welding STD DVS- 2207 With  
High Qualified Professionals**



# Fabrication Technology

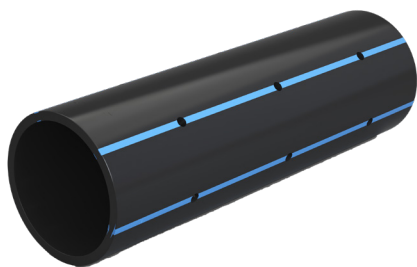
Latest Fabrication Technology

Welding STD DVS- 2207 With High Qualified Professionals



|                       |                |
|-----------------------|----------------|
| Material              | PE100          |
| Sizes (mm)            | 75-1600        |
| Pressure Rating (Bar) | PN[6,10,16,20] |
| Fabrication STD       | DIN16963       |
| Pipe STD              | DIN8074/8075   |
| Welding STD           | DVS 2207-1     |

## PE Sub Drainage Pipe



|                        |                               |
|------------------------|-------------------------------|
| Material               | PE100                         |
| Sizes (mm)             | OD 90 - 315 mm                |
| Pressure Rating (Bar)  | PN[6,10,16,20]                |
| Perforation Angle      | 45 C- (-/+ ) 5                |
| Min Distance Btw Holes | 100 mm                        |
| Perforation Template   | Available Upon client request |

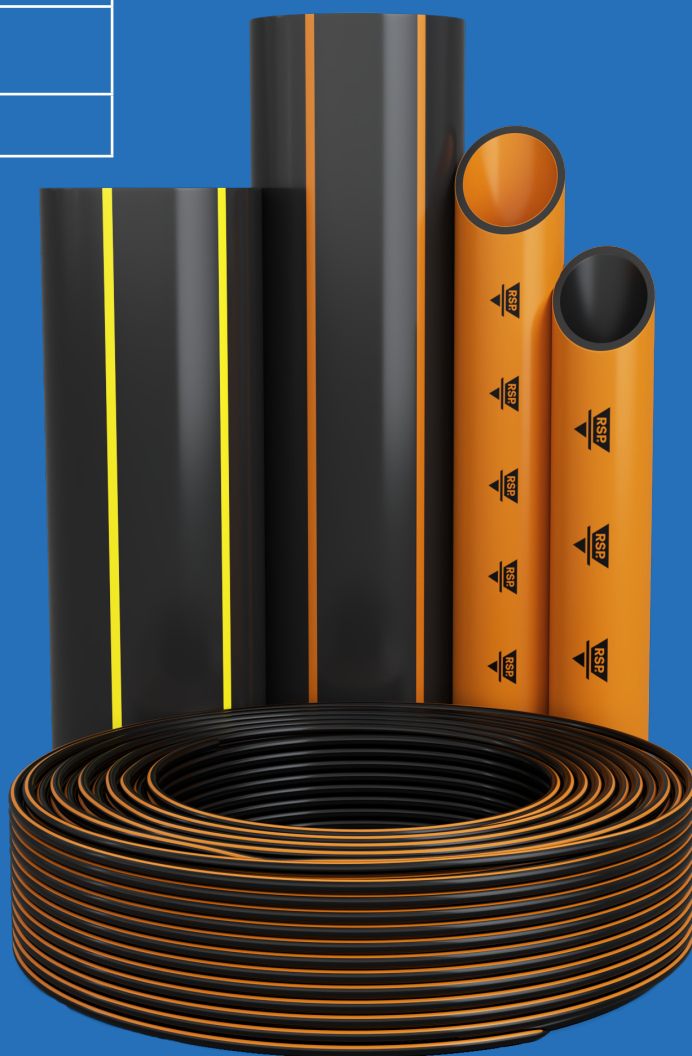
## PE - FABRICATED INSPECTION CHAMBER



|                                             |               |
|---------------------------------------------|---------------|
| SIZES                                       | UP TO 1600 MM |
| INLETS / OUTLETS ACCORDING TO CLIENT DESIGN |               |

# 02 — Gaseous High Density Polyethylene Pipes

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| STANDARDS                 | <p>According to EN1555-2<br/>Specification Polyethylene pipes (PE) used in gaseous fuel supply systems with operating pressures up to 10 bar. pipe materials PE80 and PE100</p> <p>According to GIS/PL2-2<br/>Specification Polyethylene pipes and fittings for natural gas and suitable manufactured gas<br/>Part 2: Pipes for use at pressures up to 5.5 bar-PE80</p> <p>According to GIS/PL2-8<br/>Specification for Polyethylene pipes and fittings for natural gas and suitable manufactured gas<br/>Part 8: Pipes for use at pressures up to 7 bar<br/>Outside diameter and wall thicknesses of standard polyethylene pipe (SDR11)</p> |
| PRESSURE                  | SDR11 – SDR17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| LAYERS                    | Single Layer / Two Layers / Three Layers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| SIZES (OD)                | 32mm – 355mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Black pipe stripe (SIZES) | 63mm – 355mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Coil Dimensions (SIZES)   | 32mm – 180mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Jointing - Fusion         | Electro - Butt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |



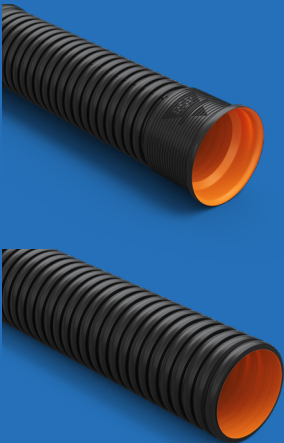
# 03— Double Wall Corrugated PE Pipes and Fittings

## [ DIN16961 /EN13476 ]

used where flexibility is an important factor other than strength and durability, such as in storm drains and culverts

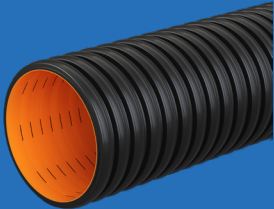


### SOCKET / SPIGOT PIPE CORRUGATED



| Size (D)<br>(mm) | Stiffness SN<br>kN/m <sup>2</sup> |
|------------------|-----------------------------------|
| 100              | SN4-SN8-SN12                      |
| 125              | SN4-SN8-SN12                      |
| 150              | SN4-SN8-SN12                      |
| 200              | SN4-SN8-SN12                      |
| 225              | SN4-SN8-SN12                      |
| 250              | SN4-SN8-SN12                      |
| 300              | SN4-SN8-SN12                      |
| 400              | SN4-SN8-SN12                      |
| 450              | SN4-SN8-SN12                      |
| 500              | SN4-SN8-SN12                      |
| 600              | SN4-SN8-SN12                      |
| 700              | SN4-SN8-SN12                      |
| 800              | SN4-SN8-SN12                      |
| 900              | SN4-SN8-SN12                      |
| 1000             | SN4-SN8-SN12                      |
| 1200             | SN4-SN8-SN12                      |
| 1400             | SN4-SN8-SN12                      |
| 1600             | SN4-SN8-SN12                      |

### SLOTTED PIPE CORRUGATED



| Size (D)<br>(mm) | Stiffness SN<br>kN/m <sup>2</sup> |
|------------------|-----------------------------------|
| 100              | SN4-SN8-SN12                      |
| 150              | SN4-SN8-SN12                      |
| 200              | SN4-SN8-SN12                      |
| 250              | SN4-SN8-SN12                      |

# Corrugated Pipes and Fittings

## BEND 90°



| Size (D)<br>(mm) | Stiffness SN<br>kN/m <sup>2</sup> |
|------------------|-----------------------------------|
| 100              | SN4-SN8-SN12                      |
| 150              | SN4-SN8-SN12                      |
| 200              | SN4-SN8-SN12                      |
| 250              | SN4-SN8-SN12                      |
| 300              | SN4-SN8-SN12                      |
| 400              | SN4-SN8-SN12                      |
| 500              | SN4-SN8-SN12                      |
| 600              | SN4-SN8-SN12                      |
| 800              | SN4-SN8-SN12                      |
| 1000             | SN4-SN8-SN12                      |

## BEND 45°



| Size (D)<br>(mm) | Stiffness SN<br>kN/m <sup>2</sup> |
|------------------|-----------------------------------|
| 100              | SN4-SN8-SN12                      |
| 150              | SN4-SN8-SN12                      |
| 200              | SN4-SN8-SN12                      |
| 250              | SN4-SN8-SN12                      |
| 300              | SN4-SN8-SN12                      |
| 400              | SN4-SN8-SN12                      |
| 500              | SN4-SN8-SN12                      |
| 600              | SN4-SN8-SN12                      |
| 800              | SN4-SN8-SN12                      |
| 1000             | SN4-SN8-SN12                      |

## Y-TEE



| Size (D)<br>(mm) | Stiffness SN<br>kN/m <sup>2</sup> |
|------------------|-----------------------------------|
| 100              | SN4-SN8-SN12                      |
| 150              | SN4-SN8-SN12                      |
| 200              | SN4-SN8-SN12                      |
| 250              | SN4-SN8-SN12                      |
| 300              | SN4-SN8-SN12                      |
| 400              | SN4-SN8-SN12                      |
| 500              | SN4-SN8-SN12                      |
| 600              | SN4-SN8-SN12                      |

## BEND 22.5°



| Size (D)<br>(mm) | Stiffness SN<br>kN/m <sup>2</sup> |
|------------------|-----------------------------------|
| 100              | SN4-SN8-SN12                      |
| 150              | SN4-SN8-SN12                      |
| 200              | SN4-SN8-SN12                      |
| 250              | SN4-SN8-SN12                      |
| 300              | SN4-SN8-SN12                      |
| 400              | SN4-SN8-SN12                      |
| 500              | SN4-SN8-SN12                      |
| 600              | SN4-SN8-SN12                      |
| 800              | SN4-SN8-SN12                      |
| 1000             | SN4-SN8-SN12                      |

## CROSS TEE



| Size (D)<br>(mm) | Stiffness SN<br>kN/m <sup>2</sup> |
|------------------|-----------------------------------|
| 100              | SN4-SN8-SN12                      |
| 150              | SN4-SN8-SN12                      |
| 200              | SN4-SN8-SN12                      |
| 250              | SN4-SN8-SN12                      |
| 300              | SN4-SN8-SN12                      |
| 400              | SN4-SN8-SN12                      |
| 500              | SN4-SN8-SN12                      |
| 600              | SN4-SN8-SN12                      |
| 800              | SN4-SN8-SN12                      |
| 1000             | SN4-SN8-SN12                      |

## EQUAL TEE



| Size (D)<br>(mm) | Stiffness SN<br>kN/m <sup>2</sup> |
|------------------|-----------------------------------|
| 100              | SN4-SN8-SN12                      |
| 150              | SN4-SN8-SN12                      |
| 200              | SN4-SN8-SN12                      |
| 250              | SN4-SN8-SN12                      |
| 300              | SN4-SN8-SN12                      |
| 400              | SN4-SN8-SN12                      |
| 500              | SN4-SN8-SN12                      |
| 600              | SN4-SN8-SN12                      |
| 800              | SN4-SN8-SN12                      |
| 1000             | SN4-SN8-SN12                      |

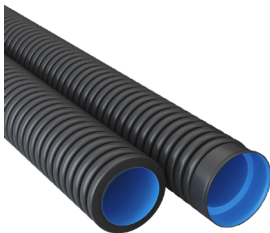


COUPLER



| Size (D)<br>(mm) | Stiffness SN<br>kN/m² |
|------------------|-----------------------|
| 100              | SN4-SN8-SN12          |
| 150              | SN4-SN8-SN12          |
| 200              | SN4-SN8-SN12          |
| 250              | SN4-SN8-SN12          |
| 300              | SN4-SN8-SN12          |
| 400              | SN4-SN8-SN12          |
| 500              | SN4-SN8-SN12          |
| 600              | SN4-SN8-SN12          |
| 800              | SN4-SN8-SN12          |
| 1000             | SN4-SN8-SN12          |

CONDUITS  
STD EN61386-24



| Size (OD)<br>(mm) | Stiffness |
|-------------------|-----------|
| 50                | 450-750N  |
| 63                | 450-750N  |
| 75                | 450-750N  |
| 90                | 450-750N  |
| 110               | 450-750N  |
| 160               | 450-750N  |

PE - CORRUGATED MANHOLE



|             |               |
|-------------|---------------|
| SYSTEM      | ECCENTRIC     |
| MATERIAL    | POLYETHYLENE  |
| COVER SIZES | 600 MM DIA    |
| SIZES       | 800-1000-1200 |
| LENGTH      | VARIABLE      |



RUBBER GASKETS

# 04 / 05 / 06 — (UPVC – PVC/CPVC)

## Gray Pipes for water supply and irrigation according to

### UPVC - [ DIN8061/62 ] [ ES848-2008- ISO 4422-2/1996 ] [ BS3505 ]

### PVC / CPVC - [ ASTM F441 - ASTM D1785 SCH.80 ]

UPVC plumbing pipes are widely used in buildings for distribution of potable water, or water transfer in bathrooms, kitchens, sink, laboratories, etc.

PVC/CPVC is a strong and rigid thermoplastic material that is used for hot and cold potable water applications in residential construction

|          |                                 |
|----------|---------------------------------|
| STANDARD | DIN 8061/8062                   |
| MATERIAL | UPVC                            |
| SIZES    | 10-800MM                        |
| PRESSURE | PN2.5 - PN4 - PN6 - PN10 - PN16 |
| JOINTING | SOLVENT CEMENT – RUBBER GASKET  |

|          |                                                       |
|----------|-------------------------------------------------------|
| STANDARD | ES848-2008- ISO 4422-2/1996                           |
| MATERIAL | UPVC                                                  |
| SIZES    | 10-800MM                                              |
| PRESSURE | PN6 - PN8 - PN10 - PN12 - PN12.5 - PN16 - PN20 - PN25 |
| JOINTING | SOLVENT CEMENT – RUBBER GASKET                        |

|          |                                        |
|----------|----------------------------------------|
| STANDARD | ASTM D-1785 SCH.80                     |
| MATERIAL | PVC / CPVC                             |
| SIZES    | ½" – 2"                                |
| PRESSURE | ACCORDING SCH.80 PRESSURE RATING TABLE |
| JOINTING | SOLVENT CEMENT                         |

|          |                              |
|----------|------------------------------|
| STANDARD | BS 3505                      |
| MATERIAL | UPVC                         |
| SIZES    | ½" – 2"                      |
| PRESSURE | PN9                          |
| JOINTING | SOLVENT CEMENT – THREAD ABLE |



# Fittings - DIN8063

## EL BOW 90°



| Size mm | PN Bar |
|---------|--------|
| 20      | PN16   |
| 25      | PN16   |
| 32      | PN16   |
| 50      | PN16   |
| 63      | PN16   |
| 75      | PN16   |
| 90      | PN16   |
| 110     | PN16   |
| 160     | PN16   |
| 200     | PN16   |

## EL BOW 45°



| Size mm | PN Bar |
|---------|--------|
| 20      | PN16   |
| 25      | PN16   |
| 32      | PN16   |
| 50      | PN16   |
| 63      | PN16   |
| 75      | PN16   |
| 90      | PN16   |
| 110     | PN16   |
| 160     | PN16   |
| 200     | PN16   |

## TEE



| Size mm | PN Bar |
|---------|--------|
| 20      | PN16   |
| 25      | PN16   |
| 32      | PN16   |
| 50      | PN16   |
| 63      | PN16   |
| 75      | PN16   |
| 90      | PN16   |
| 110     | PN16   |
| 160     | PN16   |
| 200     | PN16   |

## REDUCER -TEE



| Size (mm x mm) | PN Bar |
|----------------|--------|
| 75x50mm        | PN16   |
| 75x63mm        | PN16   |
| 90x50mm        | PN16   |
| 90x63mm        | PN16   |
| 90x75mm        | PN16   |
| 110x63mm       | PN16   |
| 110x75mm       | PN16   |
| 110x90mm       | PN16   |
| 160x90mm       | PN16   |
| 160x110mm      | PN16   |
| 200x110mm      | PN16   |
| 200x160mm      | PN16   |

## COUPLER



| Size mm | PN Bar |
|---------|--------|
| 20      | PN16   |
| 25      | PN16   |
| 32      | PN16   |
| 50      | PN16   |
| 63      | PN16   |
| 75      | PN16   |
| 90      | PN16   |
| 110     | PN16   |
| 160     | PN16   |
| 200     | PN16   |

## REDUCING



| Size (mm x mm) | PN Bar |
|----------------|--------|
| 75x50mm        | PN16   |
| 75x63mm        | PN16   |
| 90x50mm        | PN16   |
| 90x63mm        | PN16   |
| 90x75mm        | PN16   |
| 110x63mm       | PN16   |
| 110x75mm       | PN16   |
| 110x90mm       | PN16   |
| 160x90mm       | PN16   |
| 160x110mm      | PN16   |
| 200x110mm      | PN16   |
| 200x160mm      | PN16   |

**END CAP**

| Size mm | PN Bar |
|---------|--------|
| 20      | PN16   |
| 25      | PN16   |
| 32      | PN16   |
| 40      | PN16   |
| 50      | PN16   |
| 63      | PN16   |
| 75      | PN16   |
| 90      | PN16   |
| 110     | PN16   |
| 160     | PN16   |
| 200     | PN16   |

**BUSH**

| Size (mm x mm) | PN Bar |
|----------------|--------|
| 40X32mm        | PN16   |
| 75x50mm        | PN16   |
| 75x63mm        | PN16   |
| 90x50mm        | PN16   |
| 90x63mm        | PN16   |
| 90x75mm        | PN16   |
| 50x110mm       | PN16   |
| 110x63mm       | PN16   |
| 110x75mm       | PN16   |
| 110x90mm       | PN16   |
| 160x90mm       | PN16   |
| 160x110mm      | PN16   |
| 200x110mm      | PN16   |
| 200x160mm      | PN16   |

**UPVC FLANGE**

| Size mm | STD  |
|---------|------|
| 50      | PN16 |
| 63      | PN16 |
| 75      | PN16 |
| 90      | PN16 |
| 110     | PN16 |
| 160     | PN16 |
| 200     | PN16 |

**FLANGE ADAPTOR**

| Size mm | STD  |
|---------|------|
| 32      | PN16 |
| 50      | PN16 |
| 63      | PN16 |
| 75      | PN16 |
| 90      | PN16 |
| 110     | PN16 |
| 160     | PN16 |
| 200     | PN16 |
| 250     | PN16 |

**Y-TEE**

| Size mm | STD  |
|---------|------|
| 20      | PN16 |
| 25      | PN16 |
| 32      | PN16 |
| 40      | PN16 |
| 50      | PN16 |
| 63      | PN16 |
| 75      | PN16 |
| 110     | PN16 |
| 160     | PN16 |

**MALE ADAPTER WITH PLASTIC SOCKET**

| Size mm | STD  |
|---------|------|
| 40      | PN16 |
| 63      | PN16 |

**WELDED UNION**

| Size mm | STD  |
|---------|------|
| 25mm    | PN16 |
| 32mm    | PN16 |
| 50mm    | PN16 |
| 63mm    | PN16 |
| 75mm    | PN16 |
| 90mm    | PN16 |
| 110mm   | PN16 |

**UPVC Fabricated Fitting Available in DIN**  
**Sizes - up to 800 mm**  
**Pressure - PN [ 6-10-16 ]**

# PVC-CPVC Fitting According TO - ASTM D2467 - SCH80

## EL BOW 90°



| Size<br>Inch | STD        |
|--------------|------------|
| ½            | ASTMD 2467 |
| ¾            | ASTMD 2467 |
| 1"           | ASTMD 2467 |
| 1 ¼"         | ASTMD 2467 |
| 1 ½"         | ASTMD 2467 |
| 2"           | ASTMD 2467 |

## EL BOW 45°



| Size<br>Inch | STD        |
|--------------|------------|
| ½            | ASTMD 2467 |
| ¾            | ASTMD 2467 |
| 1"           | ASTMD 2467 |
| 1 ¼"         | ASTMD 2467 |
| 1 ½"         | ASTMD 2467 |
| 2"           | ASTMD 2467 |

## FEMALE THREADED EL BOW 90°



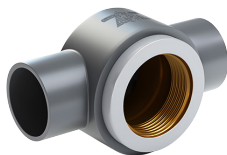
| Size Inch | STD        |
|-----------|------------|
| ½ x ½     | ASTMD 2467 |
| ¾ x ½     | ASTMD 2467 |

## TEE



| Size / D | STD        |
|----------|------------|
| ½        | ASTMD 2467 |
| ¾        | ASTMD 2467 |
| 1"       | ASTMD 2467 |
| 1 ¼"     | ASTMD 2467 |
| 1 ½"     | ASTMD 2467 |

## TEE-THREADED



| Size Inch | STD        |
|-----------|------------|
| ½ x ½     | ASTMD 2467 |
| ¾ x ½     | ASTMD 2467 |

## Y-TEE



| Size<br>Inch | STD        |
|--------------|------------|
| ½            | ASTMD 2467 |
| ¾            | ASTMD 2467 |
| 1"           | ASTMD 2467 |
| 1 ¼"         | ASTMD 2467 |
| 1 ½"         | ASTMD 2467 |
| 2"           | ASTMD 2467 |

## COUPLER



| Size / D | STD        |
|----------|------------|
| ½        | ASTMD 2467 |
| ¾        | ASTMD 2467 |
| 1"       | ASTMD 2467 |
| 1 ¼"     | ASTMD 2467 |
| 1 ½"     | ASTMD 2467 |
| 2"       | ASTMD 2467 |

## MALE ADAPTER WITH PLASTIC SOCKET



| Size / D | STD        |
|----------|------------|
| ½        | ASTMD 2467 |
| ½        | ASTMD 2467 |
| ¾        | ASTMD 2467 |
| ¾        | ASTMD 2467 |
| 1"       | ASTMD 2467 |
| 1 ¼"     | ASTMD 2467 |
| 1 ½"     | ASTMD 2467 |
| 2"       | ASTMD 2467 |

**BRASS MALE  
COUPLER**

| Size / D   | STD        |
|------------|------------|
| 1/2"       | ASTMD 2467 |
| 3/4"       | ASTMD 2467 |
| 3/4 x 1/2" | ASTMD 2467 |
| 1"         | ASTMD 2467 |
| 1" x 3/4"  | ASTMD 2467 |

**FEMALE ADAPTER  
WITH PLASTIC  
SOCKET**

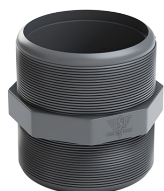
| Size / D | STD        |
|----------|------------|
| 1/2"     | ASTMD 2467 |
| 3/4"     | ASTMD 2467 |
| 1"       | ASTMD 2467 |
| 1 1/4"   | ASTMD 2467 |
| 1 1/2"   | ASTMD 2467 |
| 2"       | ASTMD 2467 |

**BRASS FEMALE  
COUPLER**

| Size / D   | STD        |
|------------|------------|
| 1/2"       | ASTMD 2467 |
| 3/4"       | ASTMD 2467 |
| 3/4 x 1/2" | ASTMD 2467 |
| 1"         | ASTMD 2467 |
| 1" x 3/4"  | ASTMD 2467 |

**FEMALE - MALE  
PLATIC ADAPTER**

| Size / D    | STD        |
|-------------|------------|
| 3/4 x 3/4"  | ASTMD 2467 |
| 2" x 1"     | ASTMD 2467 |
| 2" x 1 1/2" | ASTMD 2467 |

**NIPPLE**

| Size   | STD        |
|--------|------------|
| 3/4"   | ASTMD 2467 |
| 1"     | ASTMD 2467 |
| 1 1/4" | ASTMD 2467 |
| 1 1/2" | ASTMD 2467 |
| 2"     | ASTMD 2467 |

**BUSH**

| Size/ D        | STD        |
|----------------|------------|
| 3/4 x 1/2"     | ASTMD 2467 |
| 1" x 1/2"      | ASTMD 2467 |
| 1" x 3/4"      | ASTMD 2467 |
| 1 x 1 1/4"     | ASTMD 2467 |
| 1 1/2 x 3/4"   | ASTMD 2467 |
| 1 1/2 x 1"     | ASTMD 2467 |
| 1 1/2 x 1 1/4" | ASTMD 2467 |
| 2" x 1"        | ASTMD 2467 |
| 2" x 1 1/2"    | ASTMD 2467 |

**CROSS OVER  
WITH SOCKET**

| Size | STD        |
|------|------------|
| 1/2" | ASTMD 2467 |
| 3/4" | ASTMD 2467 |
| 1"   | ASTMD 2467 |

**CROSS OVER**

| Size | STD        |
|------|------------|
| 1/2" | ASTMD 2467 |
| 3/4" | ASTMD 2467 |
| 1"   | ASTMD 2467 |

**THREADED UNION**

| Size / D | STD        |
|----------|------------|
| ½"       | ASTMD 2467 |
| ¾"       | ASTMD 2467 |
| 1"       | ASTMD 2467 |
| 1 ½"     | ASTMD 2467 |
| 2"       | ASTMD 2467 |
| 2 ½"     | ASTMD 2467 |

**WELDED UNION**

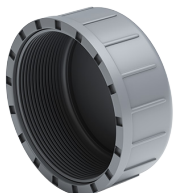
| Size / D | STD        |
|----------|------------|
| ½"       | ASTMD 2467 |
| ¾"       | ASTMD 2467 |
| 1"       | ASTMD 2467 |
| 1 ½"     | ASTMD 2467 |
| 2"       | ASTMD 2467 |

**W-TH UNION**

| Size / D | STD        |
|----------|------------|
| ½"       | ASTMD 2467 |
| ¾"       | ASTMD 2467 |
| 1"       | ASTMD 2467 |
| 1 ½"     | ASTMD 2467 |
| 2"       | ASTMD 2467 |
| 3"       | ASTMD 2467 |
| 4"       | ASTMD 2467 |

**M END CAP**

| Size / D | STD        |
|----------|------------|
| ½"       | ASTMD 2467 |
| ¾"       | ASTMD 2467 |
| 1"       | ASTMD 2467 |
| 1 ¼"     | ASTMD 2467 |
| 1 ½"     | ASTMD 2467 |
| 2"       | ASTMD 2467 |

**F END CAP**

| Size | STD        |
|------|------------|
| ½"   | ASTMD 2467 |
| ¾"   | ASTMD 2467 |
| 1"   | ASTMD 2467 |
| 1 ¼" | ASTMD 2467 |
| 1 ½" | ASTMD 2467 |
| 2"   | ASTMD 2467 |

**END CAP**

| Size / D | STD        |
|----------|------------|
| ½"       | ASTMD 2467 |
| ¾"       | ASTMD 2467 |
| 1"       | ASTMD 2467 |
| 1 ½"     | ASTMD 2467 |
| 2"       | ASTMD 2467 |



# 07 / 08 — (UPVC) – Gray Pipes for drainage, sewerage under gravity and ventilation according to

UPVC - [ DIN19531 - DIN19534 ]

UPVC - [ ES1717/2008 - ISO4435/2003 ]

|          |                                                           |
|----------|-----------------------------------------------------------|
| STANDARD | DIN19531 - DIN19534                                       |
| MATERIAL | UPVC                                                      |
| SIZES    | DIN 19531 [ 32mm – 160mm ]<br>DIN 19534 [ 110mm – 630mm ] |
| JOINTING | RUBBER GASKET / SOLVENT                                   |
| FITTINGS | ACCORDING ASTM D-2466                                     |

|           |                            |
|-----------|----------------------------|
| STANDARD  | ES1717/2008 - ISO4435/2003 |
| MATERIAL  | UPVC                       |
| SIZES     | 110MM - 800MM              |
| STIFFNESS | SN2 - SN4 - SN8            |
| JOINTING  | RUBBER GASKET / SOLVENT    |
| FITTINGS  | ACCORDING ASTM D-2466      |
| EXTRA     | Perforation – Multilayer   |



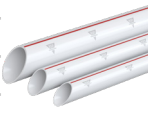


# 09 — DWV System | UPVC

| TYPE       | FEATURES                                                                                                                                         |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| PIPES      | ASTMD 1785 SCH40 ( 1/2" - 8 )<br>ASTMD 2241 ( 1/2" - 8 )<br>SPECIAL STANDARD UP TO 200 MM<br>CONNECCTION : SOLVENT CEMENT<br>FITTING : ASTMD2466 |
| SPECIALIST | FLOOR DRAIN                                                                                                                                      |
| CHANNEL    | Size : 127 MM W / 198 MM W<br>Load : 1.5 TON                                                                                                     |



## SYSTEM 110

| Thickness | Size   | PIPE                                                                              |
|-----------|--------|-----------------------------------------------------------------------------------|
| 3 mm      | 90 mm  |  |
| 4 mm      | 90 mm  |                                                                                   |
| 5 mm      | 90 mm  |                                                                                   |
| 3 mm      | 110 mm |                                                                                   |
| 4 mm      | 110 mm |                                                                                   |
| 5 mm      | 110 mm |                                                                                   |
| 3 mm      | 160 mm |                                                                                   |
| 4 mm      | 160 mm |                                                                                   |
| 5 mm      | 160 mm |                                                                                   |
| 4 mm      | 200 mm |                                                                                   |
| 5 mm      | 200 mm |                                                                                   |
| 6 mm      | 200 mm |                                                                                   |

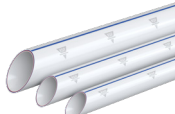
| Thickness | Size  | PIPE                                                                                |
|-----------|-------|-------------------------------------------------------------------------------------|
| 2.6 mm    | ½"    |  |
| 3 mm      | ¾"    |                                                                                     |
| 3.5 mm    | 1"    |                                                                                     |
| 2.5 mm    | 1 ½"  |                                                                                     |
| 3.7 mm    | 1 ½"  |                                                                                     |
| 2.7 mm    | 2"    |                                                                                     |
| 3.9 mm    | 2"    |                                                                                     |
| 2.5 mm    | 50 mm |                                                                                     |
| 3.7 mm    | 50 mm |                                                                                     |
| 3 mm      | 75 mm |                                                                                     |
| 4 mm      | 75 mm |                                                                                     |
| 5 mm      | 75 mm |                                                                                     |

## SYSTEM 114 / ASTM D 2241

| Thickness | SDR  | Size | PIPE                                                                                |
|-----------|------|------|-------------------------------------------------------------------------------------|
| 1.78 mm   | 64   | 4"   |  |
| 2.8 mm    | 41   | 4"   |                                                                                     |
| 3 mm      | --   | 4"   |                                                                                     |
| 3.5 mm    | 32.5 | 4"   |                                                                                     |
| 4 mm      | --   | 4"   |                                                                                     |
| 4.4 mm    | 26   | 4"   |                                                                                     |
| 5 mm      | --   | 4"   |                                                                                     |
| 5.4 mm    | 21   | 4"   |                                                                                     |
| 2.2 mm    | --   | 6"   |                                                                                     |
| 2.6 mm    | 64   | 6"   |                                                                                     |
| 3 mm      | --   | 6"   |                                                                                     |
| 4 mm      | --   | 6"   |                                                                                     |
| 4.12 mm   | 41   | 6"   |                                                                                     |
| 5 mm      | --   | 6"   |                                                                                     |
| 5.16 mm   | 32.5 | 6"   |                                                                                     |

| Thickness | SDR  | Size | PIPE                                                                                  |
|-----------|------|------|---------------------------------------------------------------------------------------|
| 1.53 mm   | 32.5 | 1 ½" |  |
| 1.86 mm   | 26   | 1 ½" |                                                                                       |
| 2.3 mm    | 21   | 1 ½" |                                                                                       |
| 2.85 mm   | 17   | 1 ½" |                                                                                       |
| 1.85 mm   | 32.5 | 2"   |                                                                                       |
| 2.32 mm   | 26   | 2"   |                                                                                       |
| 2.88 mm   | 21   | 2"   |                                                                                       |
| 3.56 mm   | 17   | 2"   |                                                                                       |
| 2.16 mm   | 41   | 3"   |                                                                                       |
| 2.75 mm   | 32.5 | 3"   |                                                                                       |
| 3 mm      | --   | 3"   |                                                                                       |
| 3.43 mm   | 26   | 3"   |                                                                                       |
| 4 mm      | --   | 3"   |                                                                                       |
| 4.25 mm   | 21   | 3"   |                                                                                       |
| 5 mm      | --   | 3"   |                                                                                       |

## SYSTEM ASTM D - 1785 SCH40

| Thickness | Size   | PIPE                                                                                |
|-----------|--------|-------------------------------------------------------------------------------------|
| 2.8 mm    | ½"     |  |
| 2.9 mm    | ¾"     |                                                                                     |
| 3.4 mm    | 1"     |                                                                                     |
| 3.6 mm    | 1 ¼"   |                                                                                     |
| 3.7 mm    | 1 ½"   |                                                                                     |
| 3.9 mm    | 2"     |                                                                                     |
| 5.5 mm    | 3"     |                                                                                     |
| 6 mm      | 4"     |                                                                                     |
| 7.1 mm    | 6"     |                                                                                     |
| 8.2 mm    | 200 mm |                                                                                     |

## DWV FITTINGS ASTM D 2466

SIZE (1/2" - 8") - (50- 200)MM



ELBOW 90



ELBOW 90  
SWEEP



ELBOW 45



ELBOW 45  
SWEEP



ELBOW 90  
DOOR



ELBOW 90  
SWEEP/D



F-ELBOW 90



TEE



TEE 90  
SWEEP



Y- TEE



R- TEE



R-TEE  
SWEEP



R -Y TEE



R- TEE  
W/ DOOR



TEE - SWEEP  
W/DOOR



R- TEE  
SWEEP W/DOOR



TEE  
W/DOOR



CROSS TEE



CROSS TEE  
SWEEP



TEE 45  
CROSS

# DWV FITTINGS ASTM D 2466

SIZE (1/2" - 8") - (50- 200)MM



R-TEE 45  
CROSS



DRAINAGE  
COUPLING



REPAIR , EXTENSION  
COUPLING



CONNECTOR



CLEANOUT



DRAIN TRAP  
EXTENSION JOINT



F- THREADED  
COUPLING



COUPLING



R-COUPLING



BUSH



P-TRAP



END CAP

# DWV PLUMBING ACCESSORIES

SIZE (50-110)MM



VENT



TRIANGULAR  
ROOF DRAIN



COUPLING  
ROOF DRAIN



MULTI FLOOR TRAP  
W/ SEPARATOR



REPAIR / EXPANSION-  
JOINT WITH  
GALVANIZED CLAMPS



**MULTI FLOOR TRAP**  
110 \* 125 MM



**MULTI FLOOR TRAP  
W/ ELBOW**



**MULTI FLOOR TRAP  
ITALIAN MODEL**



**LOWER MULTI  
FLOOR DRAIN TRAP**  
7.5 CM HEIGHT



**BALCONY DRAIN  
TRAP**



**VERTICAL DRAIN  
TRAP**



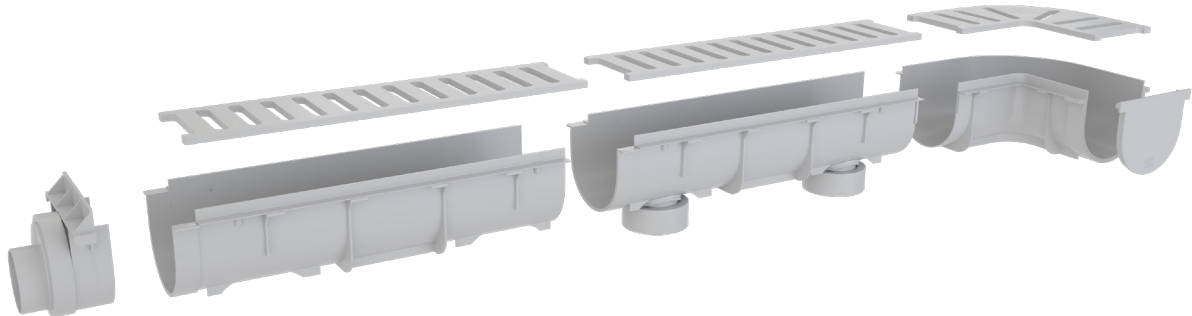
**DRAIN TRAP  
EXTENSION JOINT**



**OUTLET COUPLER**  
110\*75 MM

## DWV TRENCH CHANNEL

SIZE (110, 160)MM



**HALF DRAINAGE**  
110MM-160MM  
160MM-110MM/75MM



**R-L CORNER CHANNEL**  
110MM-160MM



**INLET / OUTLET  
EXTENSION**  
110\*75 MM  
160\*110MM

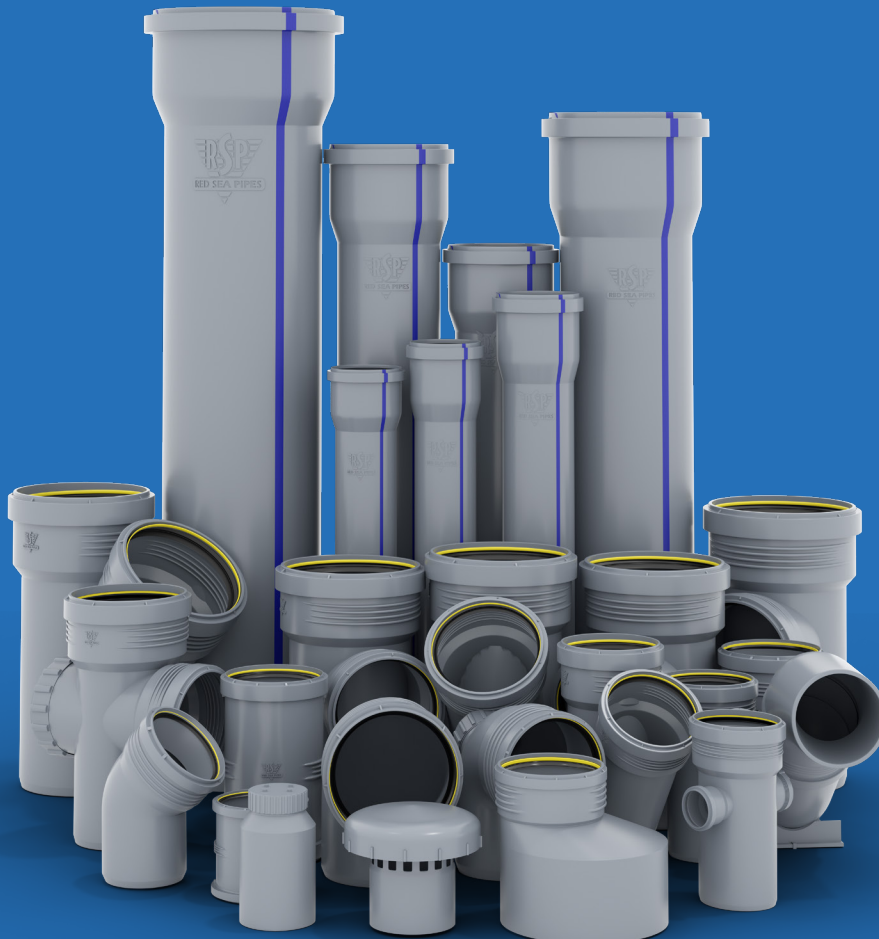


**CHANNEL END CAP**  
110MM, 160MM

# 10 — PP-H/B SYSTEM

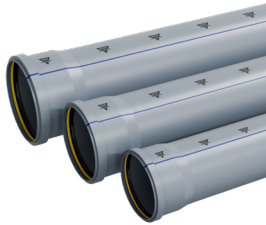
The RED SEA PP-H/B piping system provides a durable and high-performance solution for domestic, commercial, and industrial drainage applications. Engineered using high-modulus polypropylene block copolymer (PP-B), this advanced system ensures long-term durability, excellent chemical resistance, and reliable performance across a wide temperature range from  $-20^{\circ}\text{C}$  to  $+95^{\circ}\text{C}$ .

|                   |                                                       |
|-------------------|-------------------------------------------------------|
| MATERIAL          | PP-H/B                                                |
| SIZES             | DN 32 – DN 200 mm                                     |
| TEMPERATURE RANGE | $-20^{\circ}\text{C}$ to $+95^{\circ}\text{C}$        |
| STANDARDS         | EN 1451-1, DIN 4102, DIN 4109, DIN 19560-10, EN 681-2 |
| JOINTING          | RUBBER GASKET                                         |



# PP-H/B Fittings

## PIPE



| DN MM | S20   |       | S16   |       | S14   |       |
|-------|-------|-------|-------|-------|-------|-------|
|       | e min | e max | e min | e max | e min | e max |
| 32    | 1.8   | 2.2   | 1.8   | 2.2   | 1.8   | 3.0   |
| 40    | 1.8   | 2.2   | 1.8   | 2.2   | 1.8   | 3.0   |
| 50    | 1.8   | 2.2   | 1.8   | 2.2   | 1.8   | 3.0   |
| 63    | 1.8   | 2.2   | 2.0   | 2.4   | 2.2   | 3.1   |
| 75    | 1.9   | 2.2   | 2.3   | 2.8   | 2.6   | 3.1   |
| 90    | 2.2   | 2.7   | 2.8   | 3.3   | 3.1   | 3.7   |
| 110   | 2.7   | 3.2   | 3.4   | 4.0   | 3.4   | 4.0   |
| 160   | 3.9   | 4.5   | 4.9   | 5.6   | 5.5   | 6.3   |
| 200   | 4.9   | 5.6   | 6.2   | 7.1   | -     | -     |

## YARD



| DN MM | LENGTH CM |
|-------|-----------|
| 32    | 100 CM    |
| 40    | 100 CM    |
| 50    | 100 CM    |
| 63    | 100 CM    |
| 75    | 100 CM    |
| 90    | 100 CM    |
| 110   | 100 CM    |
| 160   | 100 CM    |
| 200   | 100 CM    |

## ELBOW 90°



| Size (mm) |
|-----------|
| 32 mm     |
| 50 mm     |
| 63 mm     |
| 75 mm     |
| 90 mm     |
| 110 mm    |
| 160 mm    |

## ELBOW 90° ( WITH DOOR )



| Size (mm) |
|-----------|
| 75 mm     |
| 90 mm     |
| 110 mm    |
| 160 mm    |

## ELBOW 45°



| Size (mm) |
|-----------|
| 32 mm     |
| 50 mm     |
| 63 mm     |
| 75 mm     |
| 90 mm     |
| 110 mm    |
| 160 mm    |

**TEE 90°****Size (mm)**

|        |
|--------|
| 32 mm  |
| 50 mm  |
| 63 mm  |
| 75 mm  |
| 90 mm  |
| 110 mm |
| 160 mm |

**REDUCER TEE 90°****Size (mm)**

|              |
|--------------|
| 75 x 50 mm   |
| 75 x 63 mm   |
| 110 x 50 mm  |
| 110 x 63 mm  |
| 110 x 75 mm  |
| 160 x 110 mm |

**TEE 90° (WITH DOOR)****Size (mm)**

|        |
|--------|
| 75 mm  |
| 90 mm  |
| 110 mm |
| 160 mm |

**REDUCER TEE 90° (WITH DOOR)****Size (mm)**

|              |
|--------------|
| 75 x 50 mm   |
| 75 x 63 mm   |
| 110 x 50 mm  |
| 110 x 63 mm  |
| 110 x 75 mm  |
| 160 x 110 mm |

**TEE 45°****Size (mm)**

|        |
|--------|
| 32 mm  |
| 50 mm  |
| 63 mm  |
| 75 mm  |
| 90 mm  |
| 110 mm |
| 160 mm |

**REDUCER TEE 45°****Size (mm)**

|              |
|--------------|
| 75 x 50 mm   |
| 75 x 63 mm   |
| 110 x 50 mm  |
| 110 x 63 mm  |
| 110 x 75 mm  |
| 160 x 110 mm |

**CROSS****Size (mm)**

|        |
|--------|
| 75 mm  |
| 110 mm |

**AIR VENT****Size (mm)**

|        |
|--------|
| 50 mm  |
| 63 mm  |
| 75 mm  |
| 90 mm  |
| 110 mm |



## CROSS 45°



Size (mm)

75 mm

110 mm

## REDUCER CROSS 45°



Size (mm)

110 x 75 mm

## FLOOR DRAIN BODY



Size (mm)

50 x 50 x 50 x  
75 x 110 mm

63 x 63 x 63 x  
75 x 110 mm

## P-TRAP



Size (mm)

75 mm

110 mm

## LONG ELBOW



Size (mm) x (inch)

50 mm x 1 1/2"

## COUPLER



Size (mm)

32 mm

50 mm

63 mm

75 mm

90 mm

110 mm

## LONG COUPLER



Size (mm)

110 mm

## REDUCER



Size (mm)

63 x 50 mm

63 x 50 mm

90 x 75 mm

110 x 63 mm

110 x 75 mm

110 x 90 mm

160 x 110 mm

**CLEANING PLUG**

Size (mm)

50 mm

63 mm

75 mm

110 mm

160 mm

**CAP**

Size (mm)

50 mm

63 mm

75 mm

110 mm

160 mm

**LONG SHOWER CHANNEL**

Size (cm)

65 cm

**SHORT SHOWER CHANNEL**

Size (cm)

30 cm

**FLOOR DRAIN WITH  
OPEN / TILEABLE COVER**

Size (cm)

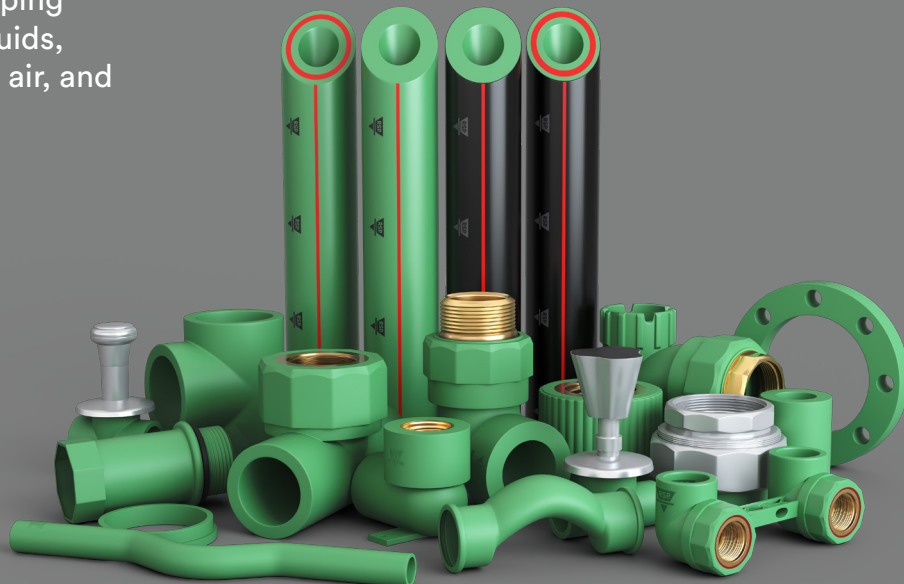
15 x 15 cm



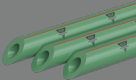
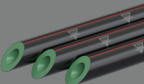
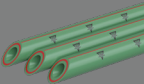
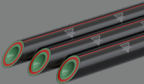
# 11 — Solid Wall PP-R

## Pipes & Fittings [ DIN8077/8078 ]

PPR pipe application Industrial piping for transferring water, sanitary liquids, liquid food products, compressed air, and aggressive chemicals .

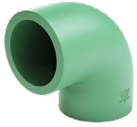


### PPR PIPE

|                                                                                     | LAYERS                 | Sizes MM | Pressure Bar    |
|-------------------------------------------------------------------------------------|------------------------|----------|-----------------|
|  | 1 LAYERS               | 20 - 160 | PN 10 - 16 - 20 |
|  | 2 LAYERS<br>(UV)       | 20 - 110 | PN 16 - 20      |
|  | 3 LAYERS<br>FIBER      | 20 - 110 | PN 16 - 20      |
|  | 4 LAYERS<br>(UV) FIBER | 20 - 110 | PN 16 - 20      |

# PPR Fittings

RED SEA PIPES also offers a complete range of PPR fittings manufactured according to German standard DIN16962, with optional UV-resistant grades available for outdoor applications.



**ELBOW 90**  
SIZE [ 20-110 ]mm



**ELBOW 45**  
SIZE [ 20-110 ]mm



**REDUCING  
ELBOW 90**  
SIZE [25-40]mm



**F- BRASS  
ELBOW W/ NUT**  
SIZE [ 32-40 ]mm



**M-BRASS ELBOW  
W/PLASTIC NUT**  
SIZE [ 32-40 ]mm



**M- BRASS ELBOW  
W/BACKET**  
SIZE [ 20-25 ]mm



**F-BRASS ELBOW  
W/BACKET**  
SIZE [ 20-25 ]mm



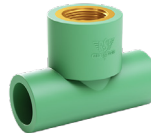
**F- BRASS ELBOW  
W/ PLASTIC NUT**  
SIZE [ 32-40 ]mm



**TEE**  
SIZE [20-110]mm



**REDUCING-TEE**  
SIZE [25-110]mm



**F- BRASS TEE**  
SIZE [20-25]mm



**F- BRASS TEE  
W/ PLASTIC NUT**  
SIZE [32-40]mm



**M- BRASS TEE  
W/ PLASTIC NUT**  
SIZE [32-40]mm



**M- BRASS TEE**  
SIZE [20-32]mm



**M- UNION**  
SIZE [20-110]mm



**M- BRASS COUPLER  
W/ BRASS NUT**  
SIZE [32-110]mm



**F- BRASS COUPLER  
W/ BRASS NUT**  
SIZE [32-110]mm



**F-BRASS COUPLER**  
SIZE [32-110]mm



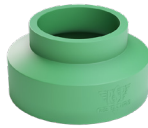
**M-BRASS COUPLER**  
SIZE [20-110]mm



**F- UNION**  
SIZE [20-110]mm



**COUPLER**  
SIZE [20-110]mm



**REDUCER**  
SIZE [25-110]mm



**REDUCING-SOCKET**  
SIZE [25-63]mm



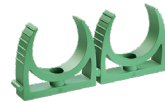
**SHORT CRANK  
W/ SOCKET**  
SIZE [20-25]mm



**CRANK**  
SIZE [20-32]mm



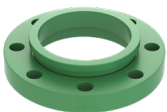
**LONG CRANK  
W/ SOCKET**  
SIZE [20-25]mm



**DOUBLE CLAMP**  
SIZE [20-32]mm



**SINGLE CLAMP**  
SIZE [1/2"-1"]



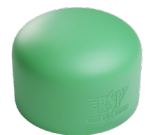
**FLANGE**  
SIZE [63-160]mm



**TEST CAP  
MODEL ITALY**  
SIZE [20-25]mm



**TEST CAP**  
SIZE [20-25]mm



**END CAP**  
SIZE [20-110]mm



**ELBOW WALL  
PLATE**  
SIZE [20-25]mm  
11 CM



**WALL PLATE**  
SIZE [20-25]mm  
11-16 CM



**ELBOW WALL  
PLATE**  
SIZE [20-25]mm  
16 CM



**OUTSIDE  
WALL-VALVE**  
SIZE [20-32]mm



**CONCEALED BALL  
VALVE COSTA**  
SIZE [20-25]mm



**CONCEALED BALL  
VALVE**  
SIZE [20-25]mm



**CONCEALED-VALVE**  
SIZE [20-32]mm



**BRASS BALL VALVE**  
SIZE [20-110]mm



**BALL VALVE COLD**  
SIZE [20-110]mm



**BALL VALVE HOT**  
SIZE [20-63]mm



**CHECK VALVE**  
SIZE [20-63]mm



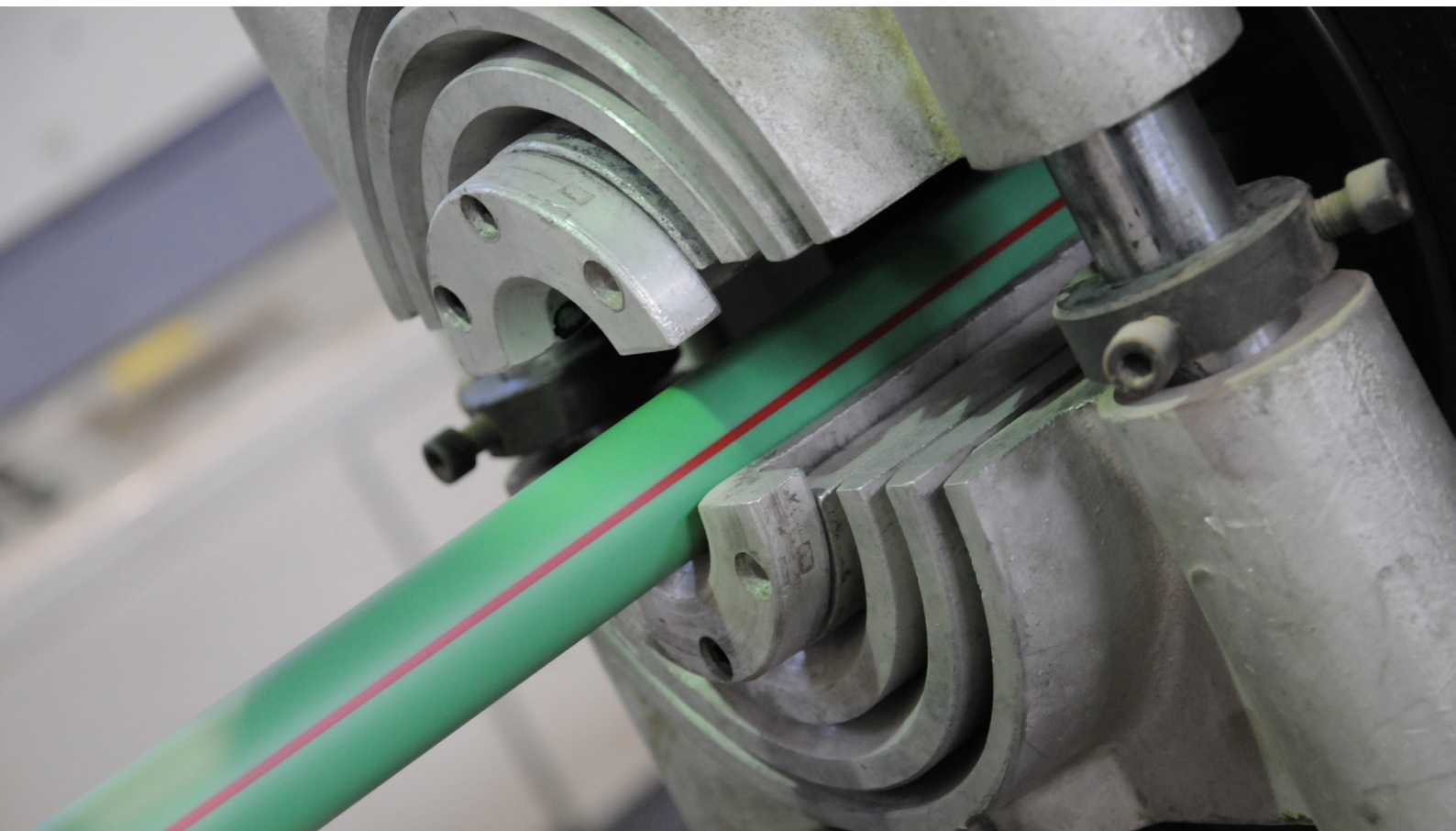
**CHECK VALVE WITH  
BRASS THREADED**  
SIZE [½ - 1½"] INCH



**WELDED UNION**  
SIZE [20-50]mm



**MB THREAD  
UNION COUPLER**  
SIZE [20MM-1/2"]  
SIZE [25MM-3/4"]  
SIZE [32MM-1"]





# 12 — Irrigation System Pipes & Fittings

Drip Irrigation method, Drop by Drop, water is distributed to the active root zone of plants. This method, if managed properly, might be the most water-supply-efficient way of irrigation.

|                      |                                                       |
|----------------------|-------------------------------------------------------|
| System               | Irrigation System                                     |
| Compression Fittings | 20-63 MM                                              |
| DRIPPER              | Plain - 12-16-20 MM<br>INLINE Drip- 16 MM/ 2-4 L/H    |
| Related Systems      | Pressure System<br>Valves System<br>Well Pipes System |
| SADDLES              | 25-250 MM – PN16                                      |



# Compression Fittings

## COUPLER



Size (mm)

Ø20

Ø25

Ø32

Ø40

Ø50

Ø63

## REDUCER COUPLER



Size  
(d) (mm)

φ20 \* φ16

φ25 \* φ20

φ32 \* φ20

φ32 \* φ25

φ40 \* φ25

φ40 \* φ32

φ50 \* φ25

φ50 \* φ32

φ50 \* φ40

φ63 \* φ25

φ63 \* φ32

φ63 \* φ40

φ63 \* φ50

## REDUCER ELBOW



Size  
(d) (mm)

φ20 \* φ16

φ25 \* φ20

φ32 \* φ20

φ32 \* φ25

φ40 \* φ25

φ40 \* φ32

φ50 \* φ25

φ50 \* φ32

φ50 \* φ40

φ63 \* φ25

φ63 \* φ32

φ63 \* φ40

φ63 \* φ50

## EQUAL ELBOW



Size  
(d) (mm)

Ø20

Ø25

Ø32

Ø40

Ø50

Ø63

## EQUAL TEE



Size  
(d) (mm)

Ø20

Ø25

Ø32

Ø40

Ø50

Ø63

## REDUCER TEE



Size  
(d) (mm)

φ20 \* φ16

φ25 \* φ20

φ32 \* φ20

φ32 \* φ25

φ40 \* φ25

φ40 \* φ32

φ50 \* φ25

φ50 \* φ32

φ50 \* φ40

φ63 \* φ25

φ63 \* φ32

φ63 \* φ40

φ63 \* φ50



## COUPLER FEMALE WITH BRASS INSERTS



| Size<br>(mm x inch) |
|---------------------|
| Ø32 x 1"            |
| Ø40 x 1 ¼"          |
| Ø50 x 1 ½"          |
| Ø63 x 2"            |

## COUPLER MALE WITH BRASS INSERTS



| Size<br>(mm x inch) |
|---------------------|
| Ø32 x 1"            |
| Ø40 x 1 ¼"          |
| Ø50 x 1 ½"          |
| Ø63 x 2"            |

## ELBOW FEMALE WITH BRASS THREADED INSERTS



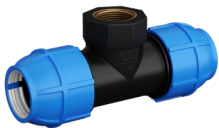
| Size<br>(mm x inch) |
|---------------------|
| Ø32 x 1"            |
| Ø40 x 1 ¼"          |
| Ø50 x 1 ½"          |
| Ø63 x 2"            |

## ELBOW MALE WITH BRASS THREADED INSERTS



| Size<br>(mm x inch) |
|---------------------|
| Ø32 x 1"            |
| Ø40 x 1 ¼"          |
| Ø50 x 1 ½"          |
| Ø63 x 2"            |

## TEE FEMALE WITH BRASS THREADED INSERTS



| Size<br>(mm x inch) |
|---------------------|
| Ø32 x 1"            |
| Ø40 x 1 ¼"          |
| Ø50 x 1 ½"          |
| Ø63 x 2"            |

## TEE MALE WITH BRASS THREADED INSERTS



| Size<br>(mm x inch) |
|---------------------|
| Ø32 x 1"            |
| Ø40 x 1 ¼"          |
| Ø50 x 1 ½"          |
| Ø63 x 2"            |

## MALE PLASTIC THREAD ELBOW



| Size<br>(mm x inch) |
|---------------------|
| Ø20 x ½"            |
| Ø20 x ¾"            |
| Ø25 x ½"            |
| Ø25 x ¾"            |
| Ø32 x ¾"            |
| Ø32 x 1"            |
| Ø40 x 1"            |
| Ø40 x 1 ¼"          |
| Ø50 x 1 ¼"          |
| Ø50 x 1 ½"          |
| Ø63 x 1 ½"          |
| Ø63 x 2"            |

## FEMALE PLASTIC THREAD ELBOW



| Size<br>(mm x inch) |
|---------------------|
| Ø20 x ½"            |
| Ø20 x ¾"            |
| Ø25 x ½"            |
| Ø25 x ¾"            |
| Ø32 x ¾"            |
| Ø32 x 1"            |
| Ø40 x 1"            |
| Ø40 x 1 ¼"          |
| Ø50 x 1 ¼"          |
| Ø50 x 1 ½"          |
| Ø63 x 1 ½"          |
| Ø63 x 2"            |

## MALE PLASTIC THREAD TEE



| Size<br>(mm x inch) |
|---------------------|
| Ø20 x ½"            |
| Ø20 x ¾"            |
| Ø25 x ½"            |
| Ø25 x ¾"            |
| Ø32 x ¾"            |
| Ø32 x 1"            |
| Ø40 x 1"            |
| Ø40 x 1¼"           |
| Ø50 x 1¼"           |
| Ø50 x 1½"           |
| Ø63 x 1½"           |
| Ø63 x 2"            |

## FEMALE PLASTIC THREAD TEE



| Size<br>(mm x inch) |
|---------------------|
| Ø20 x ½"            |
| Ø20 x ¾"            |
| Ø25 x ½"            |
| Ø25 x ¾"            |
| Ø32 x ¾"            |
| Ø32 x 1"            |
| Ø40 x 1"            |
| Ø40 x 1¼"           |
| Ø50 x 1¼"           |
| Ø50 x 1½"           |
| Ø63 x 1½"           |
| Ø63 x 2"            |

## MALE PLASTIC THREAD COUPLING



| Size<br>(mm x inch) |
|---------------------|
| Ø20 x ½"            |
| Ø20 x ¾"            |
| Ø25 x ½"            |
| Ø25 x ¾"            |
| Ø32 x ¾"            |
| Ø32 x 1"            |
| Ø40 x 1"            |
| Ø40 x 1¼"           |
| Ø50 x 1¼"           |
| Ø50 x 1½"           |
| Ø63 x 1½"           |
| Ø63 x 2"            |

## FEMALE PLASTIC THREAD COUPLING



| Size<br>(mm x inch) |
|---------------------|
| Ø20 x ½"            |
| Ø20 x ¾"            |
| Ø25 x ½"            |
| Ø25 x ¾"            |
| Ø32 x ¾"            |
| Ø32 x 1"            |
| Ø40 x 1"            |
| Ø40 x 1¼"           |
| Ø50 x 1¼"           |
| Ø50 x 1½"           |
| Ø63 x 1½"           |
| Ø63 x 2"            |

## END CAP



| Size<br>(d) (mm) |
|------------------|
| Ø20              |
| Ø25              |
| Ø32              |
| Ø40              |
| Ø50              |
| Ø63              |

## COMPRESSION VALVE

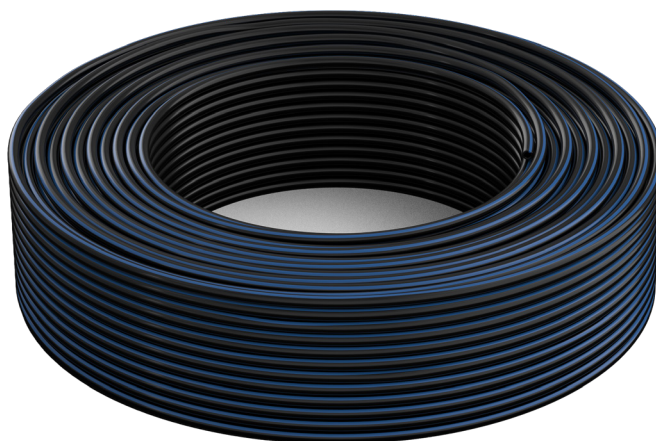


| Size<br>(d) (mm) |
|------------------|
| Ø20              |
| Ø25              |
| Ø32              |
| Ø40              |
| Ø50              |
| Ø63              |

# Dimension Table

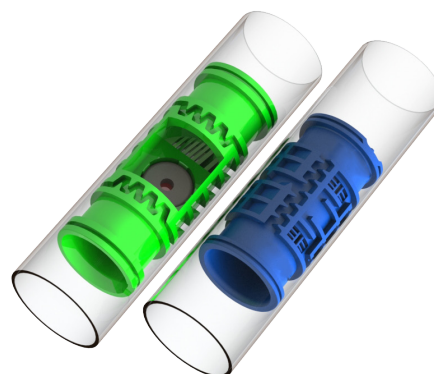
## Type - Without Dripping

| OD mm | Wall Thickness mm | Material |
|-------|-------------------|----------|
| 12    | 0.7               | PE100    |
|       | 0.8               | PE100    |
|       | 1                 | PE100    |
| 16    | 0.9               | PE100    |
|       | 1                 | PE100    |
|       | 1.1               | PE100    |
| 20    | 1                 | PE100    |
|       | 1.2               | PE100    |
|       | 1.5               | PE100    |
|       | 1.8               | PE100    |



## Type 2 - Inline Dripping

| OD mm | Wall Thickness mm | Dripping Type | Dripper Distance cm | Material | Flow- Rate L/H |
|-------|-------------------|---------------|---------------------|----------|----------------|
| 16    | 0.9               | Inline Drip   | 20-30-40-50 CM      | PE100    | 2 -4           |
|       | 1                 | Inline Drip   | 20-30-40-50 CM      | PE100    | 2-4            |
|       | 1.1               | Inline Drip   | 20-30-40-50 CM      | PE100    | 2-4            |



# Barbed Fittings

| BARBED TEE                                                                         | SIZE (mm) |
|------------------------------------------------------------------------------------|-----------|
|  | 16 MM     |

| BARBED ELBOW 90°                                                                    | SIZE (mm) |
|-------------------------------------------------------------------------------------|-----------|
|  | 16 MM     |

| BARBED COUPLER                                                                       | SIZE (mm) |
|--------------------------------------------------------------------------------------|-----------|
|  | 16 MM     |

| HOSE SPIKE WITH CLAMP                                                              | SIZE (mm) |
|------------------------------------------------------------------------------------|-----------|
|  | 16 MM     |

| RUBBER GASKET                                                                       | SIZE (mm) |
|-------------------------------------------------------------------------------------|-----------|
|  | 16 MM     |

| BARBED LINE END PLUG                                                                  | SIZE (mm) |
|---------------------------------------------------------------------------------------|-----------|
|  | 16 MM     |

| BARBED VALVE                                                                       | SIZE (mm) |
|------------------------------------------------------------------------------------|-----------|
|  | 16 MM     |

# Saddle

|             |                 |
|-------------|-----------------|
| TYPES       | FEATURES        |
| MATERIAL    | PP              |
| SIZES       | 25 – 250 MM     |
| PRESSURE    | 16 BAR          |
| TYPES       | SINGLE / DOUBLE |
| THREAD TYPE | PLASTIC / BRASS |



# Well Pipes

UPVC WELLS PIPES TECHNICAL SPECIFICATIONS  
ACCORDING TO GERMAN STANDARD DIN 4925



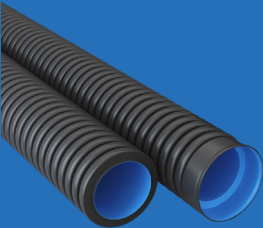
| Diameter<br>mm | Thickness mm |        |
|----------------|--------------|--------|
|                | 10 Bar       | 16 Bar |
| 50             | 2.4          | 3.7    |
| 63             | 3            | 4.7    |
| 75             | 3.6          | 5.6    |
| 90             | 4.3          | 6.7    |
| 110            | 5.3          | 8.2    |
| 125            | 6            | 9.3    |
| 140            | 6.7          | 10.4   |
| 160            | 7.7          | 11.9   |
| 200            | 9.6          | 14.9   |
| 225            | 10.8         | 16.7   |
| 250            | 11.9         | 18.6   |
| 280            | 13.4         | 20.8   |
| 315            | 15           | 23.4   |

# 13 — UPVC PIPE Conduit T.C 161A BS4607 / IEC-614-2-2

RSP Conduits has wide application in Infra/ Building application across many types



| TELEPHONE DUCT | SIZE mm | STD     |
|----------------|---------|---------|
|                | 50      | T.C161A |
|                | 100     | T.C161A |



CONDUITS



PE 100 PIPES  
DIN8074/75



UPVC PIPES  
DIN8061/62



UPVC PIPES  
ASTMD 1785 SCH40  
ASTMD 2241

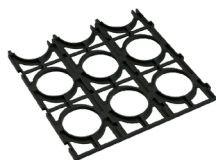
**CIRCULAR - UPVC**

| SIZE mm     | STD      |
|-------------|----------|
| 20          | T.C161A  |
| 25          | T.C161A  |
| 32          | T.C161A  |
| 40          | T.C161A  |
| 50          | T.C161A  |
| LD-MD-HD    |          |
| APPLICATION | BUILDING |

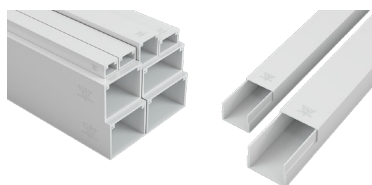
**SIZE mm****STD**

|          |         |
|----------|---------|
| 20       | T.C161A |
| 25       | T.C161A |
| 32       | T.C161A |
| 40       | T.C161A |
| 50       | T.C161A |
| LD-MD-HD |         |

APPLICATION BUILDING

**DUCT FITTINGS****PIPES SPACER****SIZE mm**

|     |
|-----|
| 75  |
| 90  |
| 110 |

**UPVC REGTANGULAR DUCT****SIZE**

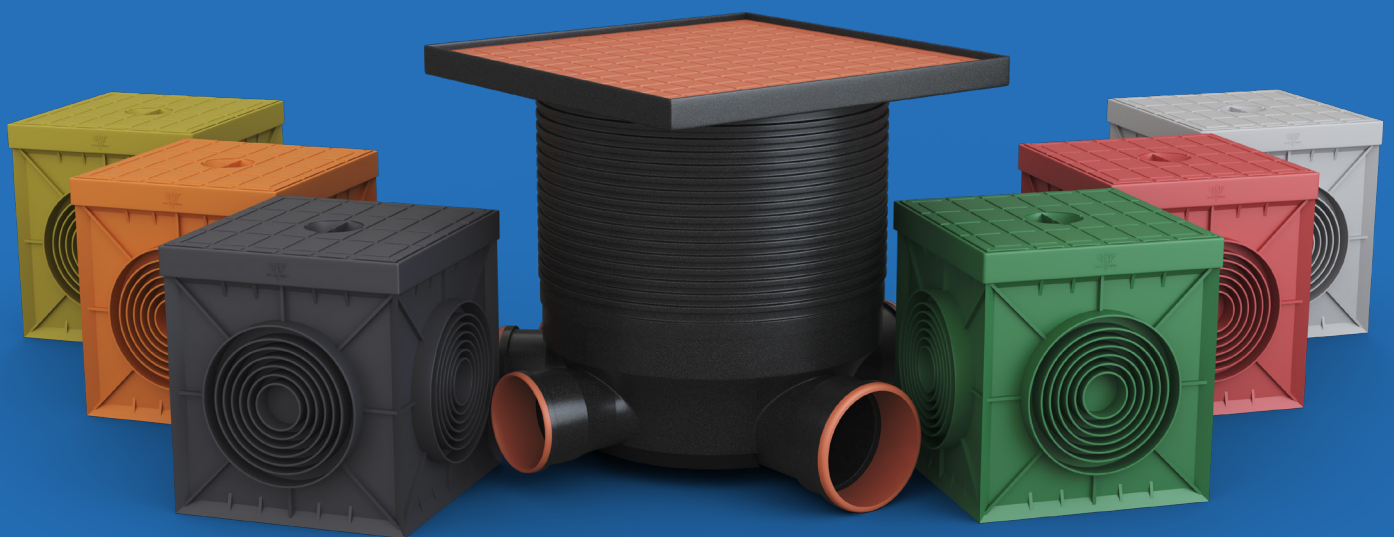
|       |         |       |
|-------|---------|-------|
| 16x16 | 75x50   | M X M |
| 16x25 | 75x75   | M X M |
| 25x28 | 100x50  | M X M |
| 38x25 | 100x70  | M X M |
| 38x38 | 100x100 | M X M |
| 50x50 |         | M X M |

Application Building

**ELECTRICITY CHAMBERS**

# 14 — RSP Inspection Chambers

RSP offers a complete range of factory-molded Polypropylene (PP) and Polyethylene (PE) inspection chambers and gully traps for underground drainage networks. Engineered for durability and performance, they provide secure access for maintenance, effective odor control, and resistance to impact, corrosion, and chemical attack. Lightweight design ensures easy handling, installation, and long service life across both residential and commercial applications.





# RECTANGULAR INSPECTION CHAMBER W / TRAP

The basin has a water seal to prevent foul odors of the sewer reaching the surface while Drainage process.

|                  |             |
|------------------|-------------|
| MATERIAL         | PP          |
| SIZES            | 20 , 55 CM  |
| COVER LOAD       | 3 TON       |
| COLORS           | MANY COLORS |
| EXTENSION HEIGHT | 30 , 55 CM  |



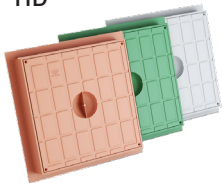
## MATERIAL - PP



| SIZE CM  | OUTLETS            |
|----------|--------------------|
| 20X20X20 | 75-110MM , 1.5",2" |
| 30X30X30 | 75-160MM, 1.5",2"  |
| 40X40X40 | 75-200MM, 2"       |
| 55X55X55 | 75-315MM           |

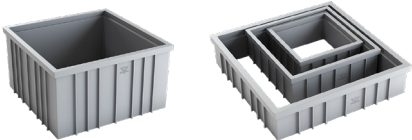
## COVER LOAD

1.5 TON -3TON  
LD - HD



| SIZE CM  |
|----------|
| 20X20X20 |
| 30X30X30 |
| 40X40X40 |
| 55X55X55 |

## EXTENSION HEIGHT



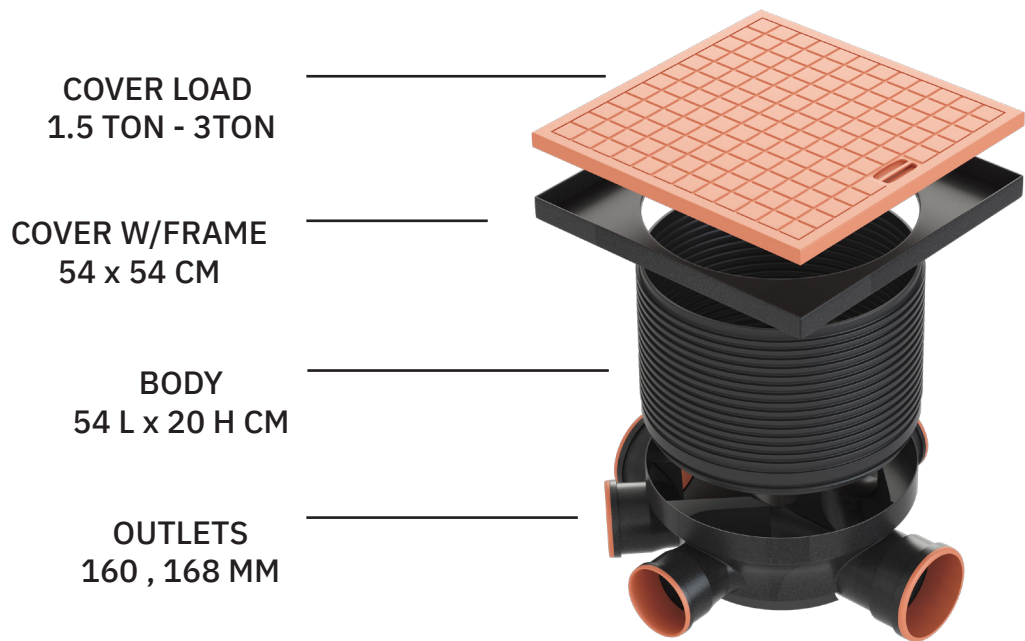
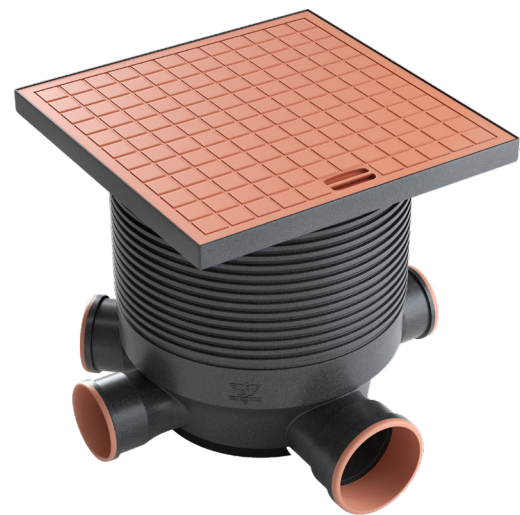
| SIZE CM  | HEIGHT |
|----------|--------|
| 20X20X20 | 122 MM |
| 30X30X30 | 130 MM |
| 40X40X40 | 128 MM |
| 55X55X55 | 320 MM |



# PP- CIRCULAR INSPECTION CHAMBER

is a basin in the ground which receives piped wastewater from inside your home before it is emptied into the wastewater network.

|                         |                           |
|-------------------------|---------------------------|
| MATERIAL                | PP                        |
| CHAMBER DIMENSION SIZES | 54 x 54 x 53CM            |
| COVER LOAD              | 1.5 TON                   |
| CLIENT LOGO             | UPON REQUEST              |
| EXTENSION HEIGHT        | 20 CM                     |
| OUTLET SIZES            | 160 / 110MM – 168 / 114MM |

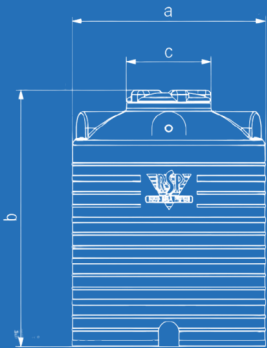


# 15 — Polyethylene Tank

Overhead water tank made of UV-resistant polyethylene, used for cold water storage in domestic water supply systems. Suitable for roof installation, lightweight, and easy to maintain.



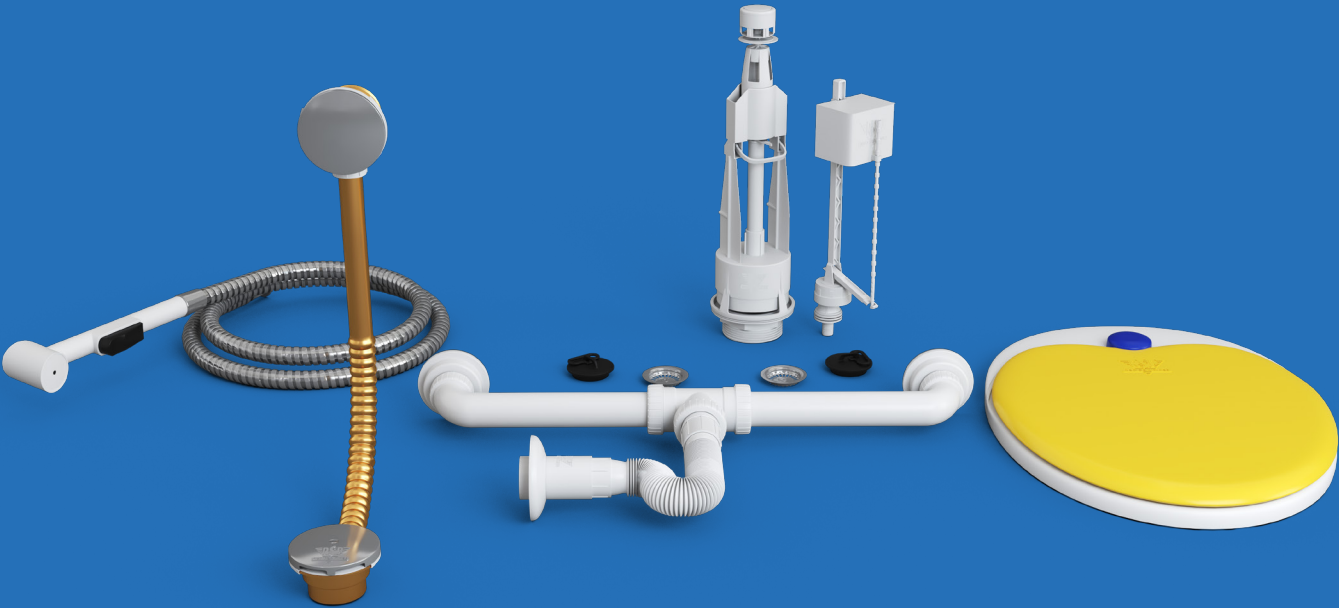
## TANK SIZES



| CAPACITY<br>(litre) | a (mm) | b (mm) | door (mm) |
|---------------------|--------|--------|-----------|
| 1000                | 1100   | 1240   | 450       |
| 1500                | 1270   | 1410   | 450       |
| 2000                | 1435   | 1590   | 450       |
| 3000                | 1605   | 1935   | 450       |
| 4000                | 1760   | 1961   | 450       |
| 5000                | 1955   | 1990   | 450       |
| 7500                | 2100   | 2449   | 540       |
| 10000               | 2218   | 2890   | 540       |

# 16 — RSP Fixtures

| TYPES              | FEATRURES                                         |
|--------------------|---------------------------------------------------|
| TOILET SEATS       | W ALUMINUM / NICKEL FASTENERS<br>DOLPHIN SEATS    |
| HOSE BIDETS        | ITALIAN / GERMAN                                  |
| FLUSH MECHANISM    | W / BRASS THREADED<br>W / PLASTIC THREADED        |
| WASTE FLEXIBLE SET | SINGLE / DOUBLE FOR BATHROOM &<br>KITCHEN SIPHONE |





SHORT -BRASS BALL  
TAP 1/2"-3/4"



LONG -BRASS BALL  
TAP 1/2"-3/4"



SHORT - PLASTIC  
BALL TAP 1/2"-3/4"



LONG - PLASTIC  
BALL TAP 1/2"-3/4"



Y FLEXIBLE 2"



COMPLETE FLEXIBLE  
WASTE PIPE  
1 1/2"-2"



FLEXIBLE PLASTIC  
PIPE 1 1/4"-1 1/2"



DOUBLE SIPHON  
FOR KITCHEN 3"



TOILET SEAT  
FLEXIBLE CONNECTOR  
25-54 CM



WASTE DRAINER SET  
1 1/2"



FLEXIBLE SIPHON-2"



FLEXIBLE  
CONNECTOR 15 CM



LONG COUPLER  
110/54 CM  
110/40 CM



SHORT COUPLER  
15 CM



FLEXIBLE  
CONNECTOR 25CM



TOILET SEAT  
FLEXIBLE CONNECTOR  
30/45 CM



BATHTUB POP-UP  
WASTE W/DRAIN



BRASS BATHTUB



CLAMP



GALVANISED  
CLAMP



BATHTUB POP UP  
WASTE W/DRAIN



FOOT BATHTUB



BRASS EXTENSION



PLASTIC FLUSH  
MECHANISM BRASS  
THREADED



PLASTIC FLUSH  
MECHANISM PLASTIC  
THREADED



TOILET SEAT



DOLPHIN TOILET SEAT



FASTENERS  
NICKEL ALUMINIUM  
BRASS

GERMAN



ITALIAN

SHATTAF

## DWV Plumbing Accessories



**PLASTIC FD STRAINER**  
15,20 CM L



**ST.ST FD STRAINER**  
15 , 20 CM



**FD STRAINER**  
W/COVER  
15 , 20 CM

## PIPES ASSEMBLY ESSETIALS



**SOLVENT CEMENT**  
UPVC 905



**UPVC**  
CLEANER 970



**SOLVENT CEMENT**  
PVC 717  
ASTM D-2564



**SOLVENT CEMENT**  
CPVC 914  
ASTM D-2846

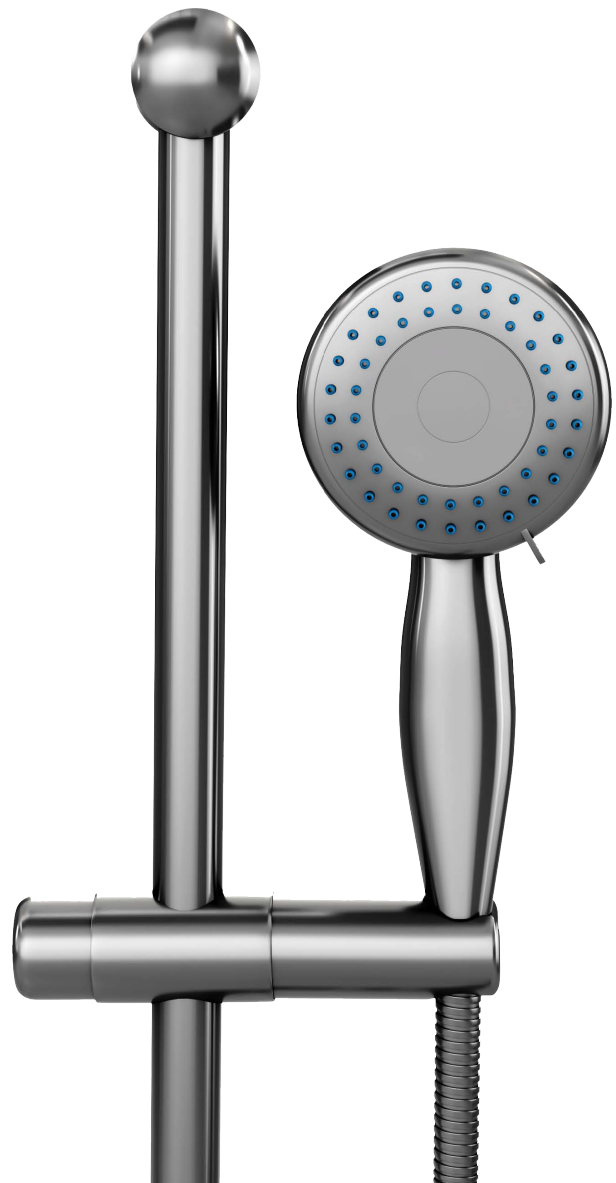
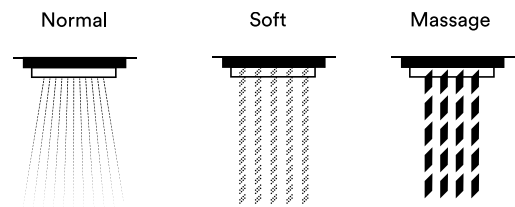


**NATURAL GREASE**  
500 GM - 1 KG



**NATURAL GREASE**  
250 GM

## Hand Shower





# 8K + DIFFERENT PRODUCTS



**01 — HDPE**  
[ DIN8074/8075 ]



**02 - Gaseous Pipes**



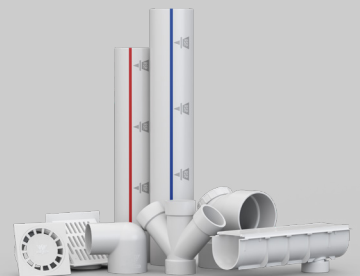
**03— DWC PIPES**  
[ DIN16961 /EN13476 ]



**04-05-06— CPVC**  
[ ASTM F441 ]  
[ D1785 SCH.80 ]  
[ DIN8061/8062 - ES848 ]

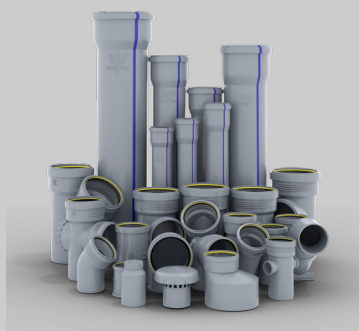


**07 / 08 — UPVC GRAY PIPES**  
[ DIN19534 / 19531 ]  
[ ES1717 - ISO4435 ]



**09 — DWV-UPVC**  
[ ASTM D 1785 SH40 ]





**10 – Pph / b System**



**11 – PP-R  
[ DIN8077/8078 ]**



**12 – Irrigation System**



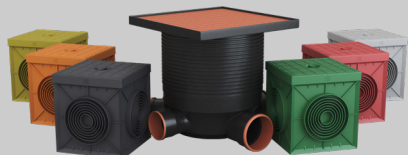
**WELL PIPES  
[ DIN4925/BS3505 ]**



**Saddle System**



**13 – UPVC Conduit T.C 161A  
[ BS4607-IEC-614-2-2 ]**



**14 – Inspection Chambers**



**15 – Polyethylene Tank**



**16 – Fixtures**



**FILTERS**



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**RSP.EG**