

PE PIPE FITTINGS

Fucoli-Somepal has a full range of socket grip fittings for PE pipes providing a complete easy house connection installation system. This fittings are available with nominal diameters range from DN 20 (3/4") to DN 50 (2") and pressure rating range from PN10 to PN16, for use in water flow system.

The socket grip fittings for PE pipes developed by Fucoli-Somepal are produced in ductile cast iron EN-GJS-500-7 (GGG50) and epoxy coated with 250 microns minimum thickness. Have an internal chamber with a EPDM double lip seal sealing and a POM tension ring.

The internal chamber has a conical design that increase the gripping force of the tension ring on the PE pipe with increased pressure in the pipe, making impossible for the pipe to break loose.

Advantages of socket grip fittings for PE pipes:

- Gripping force increases with increasing pressure
- Easy installation
- Fully restraint
- Double lip seal system



Fucoli Somepal
FUNDIÇÃO DE FERRO, S. A.

SEIT
SINCE 1946



CONTROL OF THE ENTIRE PRODUCTION PROCESS

The two Fucoli-Somepal factories are located in Portugal, where is controlled the entire production process ensuring a constant quality of its products. The selection of raw materials sources is rigorous and careful. All raw materials before received are analyzed in our laboratory.

Using a modern automatic pouring system, all products are manufactured in ductile cast iron EN-GJS-500-7. (GGG50).

The mechanization of the products is carried out using the latest CNC Machining technologies.

CORROSION PROTECTION

All products has an internal and external excellent corrosion protection. The coating quality is controlled according to the requirements of DIN 30677 and GSK (RAL-GZ662).

Fucoli-Somepal has three coating systems - robotic, automatic and semi-automatic - which is electrostatically applied epoxy coating with a minimum thickness of 250µm.

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Fittings
flanged
socket for PVC
socket for PE

PT | EN | DE

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FLANGED FITTINGS

Fucoli-Somepal provides a full range of flanged fittings with nominal range from DN 40 to DN 600 (movable flange), and DN 700 to DN 1200 (fixed flange), and pressures range from PN 10 to PN 25.

The flanged fittings are produced in ductile cast iron EN-GJS-500-7 (GGG50) and epoxy coated with 250 microns minimum thickness.

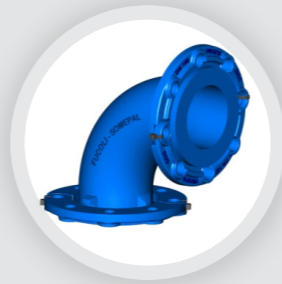
All flanged fittings are according to DIN EN 1092-2, thus enabling the coupling and the compatibility of all products.

The body of all flanged fittings developed by Fucoli-Somepal can work up to pressures of 25 bar, therefore in the case of mobile flange fittings, can be easily transformed into a fitting PN 10, PN 16 or PN 25 by simply replacing the movable flanges by the intended.

FLANGED TEE



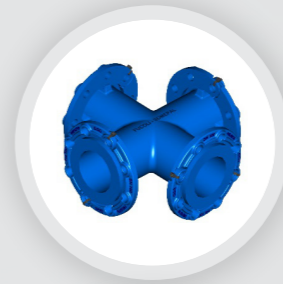
FLANGED BEND



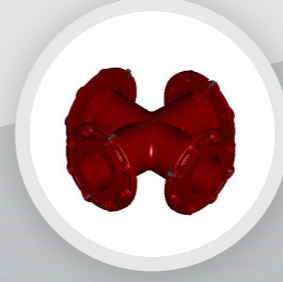
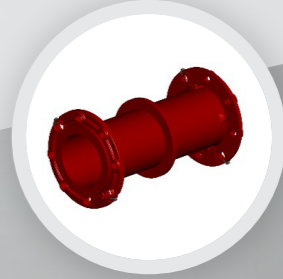
FLANGED REDUCER



FLANGED CROSSHEAD



FLANGED PIPE



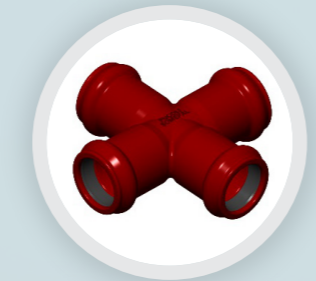
PVC PIPE SOCKET FITTINGS

A Fucoli-Somepal provides a full range of PVC socket fittings with nominal range from DN 50/63 to DN 400/400, and pressures range from PN 10 to PN 25.

The PVC fittings are produced in ductile cast iron EN-GJS-500-7 (GGG50) and epoxy coated with 250 microns minimum thickness.

The PVC socket fittings developed by Fucoli-Somepal can work up to pressures of 25 bar.

The fittings are equipped with EPDM (Water) or NBR (Wastewater) double lip seal sealing who assure a perfect and lasting sealing.



SOCKET CROSSHEAD FOR PVC



SOCKET REDUCER FOR PVC



SOCKET BEND FOR PVC



SOCKET TEE FOR PVC

fittings