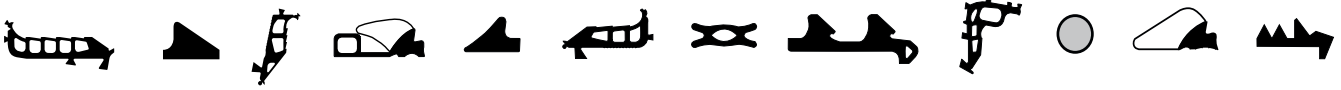
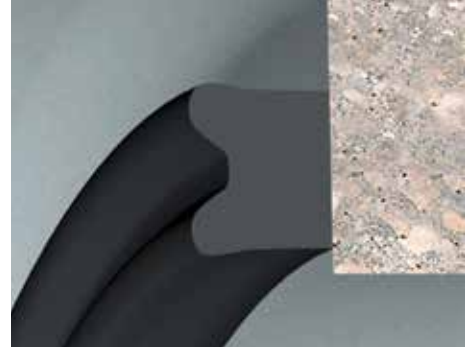


PRODUCT DATA SHEET

DS PP-PROFILE



DS PP Profile is a compressible pad made from elastomers for the closure of press joints of concrete sewage pipe lines. DS PP Profile is in accordance with the requirements of DIN EN 681-3 (seals made from cellular elastomers).

By using the DS PP Profile you can avoid:

- Clamping of locking materials in the joint and a reduction of useable hydraulic cross section.
- Crunch sitting of pipe connections during laying and thereby causing pipe damages following later pipe movements.
- Corrosion damages and inflow of high concentrated sewage into the joint during periods of low level flow.
- Corrosion damages in the area of the joint concrete by sewer gas and acids.

SPECIAL ADVANTAGES

- Does not require any construction measures on the concrete pipe.
- Is glued to the pipes end face for assembly (DS special adhesive).
- Provides an effective butt joint seal if pipes are laid carefully.

Reaction loads and tolerance limits have to be observed!

MATERIAL

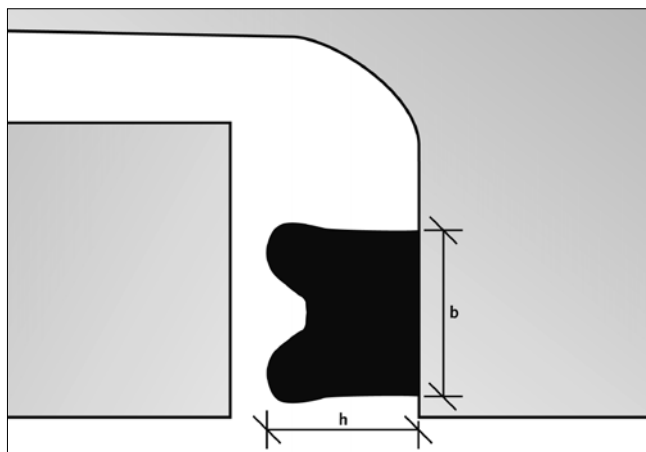
DS PP Profile is made from closed cellular styrene-butadiene rubber (SBR). The SBR material resists the usual stresses caused by sewage.



INSTRUCTIONS FOR PROFILE SELECTION AND PIPE LAYING

PP Profile ¹ dimensions b x h in mm	suitable for ² press joint width after laying in mm	reaction load ³ for middle joint width in KN/m
10 x 15	10 ± 2	3,8
18 x 22	14 ± 3	4,5
25 x 30	20 ± 4	5,2
30 x 35	23 ± 5	5,6
35 x 45	30 ± 6	6,0

- 1) The size of the DS PP Profile depends on the dimensions and the design of the socket and the pipe diameter DN. In some cases, the sealing function of the main seal has to be shown for the maximum press joint.
- 2) Changes of the press joint width due to unparallelism plus mounting have to be less or equal to the tolerances stated. A sufficient deformation of the PP Profile of $\geq 20\%$ is necessary even if the profile in the joint does not have a sealing function
- 3) The reaction loads of DS PP Profile have to be accommodated during the laying of the pipes. Suitable measures have to be taken.



INSTALLATION

- All parts to be handled must be clean, dry and free of grease.
- Apply DS contact adhesive to the socket face and let it dry slightly.
- Apply DS contact adhesive to the flat side of the profile coil and let it dry slightly.
- Press adhesive-coated profile onto the socket face starting at the top of the pipe some 5 – 10 mm away from the inner diameter.
- Cut ends of the profile smoothly perpendicular to the axis and apply a thin layer of DS contact adhesive to each end. Let it dry slightly and press both ends together firmly.

ADHESIVE CONSUMPTION

Dimensions in mm	Adhesive consumption in l/m
10 x 15	0,02 - 0,03
18 x 22	0,04 - 0,06
25 x 30	0,05 - 0,08
30 x 35	0,06 - 0,10
35 x 45	0,07 - 0,12

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