

## FKS Profile Pipe

DS 620 E 0804



# FKS Profile PIPE

Technical Data

DS 620 E 0804

## Advanced multilayer high stiffness profile pipe

|                        |  |
|------------------------|--|
| <b>Kind of Duct</b>    | Multilayer profile pipe corrugated outside and smooth wall inside available in HDPE or PP with ring stiffness of 2 – 16 kN/m <sup>2</sup> suitable for all kind of civil engineering pipe work including areas with heavy traffic loads as well as ground water. |
| <b>Applications</b>    | Sewage, Water outlets/discharge, Landfill, Industrial Mining, Relining, Potable Water, Vents, Cooling Water, Water Tanks, Shafts   |
| <b>Norm</b>            | ASTM F 894, EN 19568-100, DIN 16961. Production certified ISO 9001   |
| <b>Ring Stiffness</b>  | Ring stiffness according ISO 9969 in 2to 16 KN/m <sup>2</sup>  |
| <b>Profile Variety</b> |  |



|                       |  |
|-----------------------|--|
| <b>Sizes</b>          | 300-2500 mm, in different KN classes/wall thickness.<br>Available DN sizes (pipe sizes are based on internal diameter)<br>300,400,500,600,700,800,900,1000,1100,1200,1300,1400,1500,1600,1700,1800,1900,2000,<br>2100,2200,2300,2400,2500,2600,2700,2800,2900,3000,3500<br>Outer diameter size and wall thickness depending on kind of profile   |
| <b>Length</b>         | Available length up to 12000 mm  |
| <b>Advantages</b>     | <ul style="list-style-type: none"> <li>• High durability and expected service life of 100 years</li> <li>• Low maintenance and cleaning costs</li> <li>• Safe and field approved pipe system</li> <li>• Safe and perfect joint tightness</li> <li>• Best chemical resistance</li> <li>• Best mechanical resistance (abrasion and impact resistance, low fractures)</li> <li>• Best hydraulic due to smooth inner surface. No infiltration or exfiltration, no root penetration</li> <li>• High flexibility</li> <li>• Easy to handle (low weight)</li> <li>• High temperature resistance (-40°C to +80°C)</li> </ul> |
| <b>Jointing</b>       | <ul style="list-style-type: none"> <li>• Buttwelding according ASTM D 2657, DVS 2207 or BS 5955 Part 7</li> <li>• Electrofusion with special integrated electrofusion band</li> <li>• Socket/spigot with EPDM rubber sealing</li> <li>• Socket/spigot for extrusion welding according DVS 2207 standard</li> <li>• Flange connection. Flange materials and sizes available for several standards</li> </ul>  |
| <b>Material</b>       | High Density Polyethylen Grade PE 80 color black acc ASTM D 3350 PE 345444 C, DIN 8075 and BS 6437   |
| <b>Fittings</b>       | All kind of fittings e.g. bends, tees, flanges, stub ends, manholes, shafts, transitions   |
| <b>Prefabrication</b> | We offer pre-assembly of above components at our factory or job site assistance and service in the field.  |

**Contact us for more details.**

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