

**PVDF PIPE**

DS 691 E 07/17



## PVDF PIPE

Technical Data

### PVDF Pipe

<b>Kind of Duct</b>	Single-Layer pressure pipe made of Kynar PVDF, a tough engineering thermoplastic suitable for highly aggressive fluid or high purity pipeline applications.
<b>Applications</b>	Process Industry, High Purity Applications, Electronic and Semiconductor Industry, Pharmaceutical Industry, Automotive, Solar Power Panels, Nuclear Power Industry,
<b>Production Norm</b>	In accordance with ISO 10931. Production certified to ISO 9001. Arkema licenced Kynar production.
<b>Wall thickness</b>	Standard Dimension Ratio SDR classes 33-21 and Liner pipes available
<b>Pipe Color</b>	Standard color natural.
<b>Sizes</b>	16 – 200 mm in SDR classes 33-21 equal to pressure of 10-16 bar ( 140- 228 PSI)
<b>Length</b>	Standard length 5,8 or 11,8 m.
<b>Advantages</b>	<ul style="list-style-type: none"> <li>• High thermal stability</li> <li>• High mechanical strength</li> <li>• Service temperatures -30 to 140°C</li> <li>• Safe and perfect welding or joint tightness</li> <li>• Best chemical resistance for almost all kind of fluid products</li> <li>• Best mechanical resistance (abrasion and impact resistance, low fractures)</li> <li>• Best hydraulic due to smooth inner surface.</li> <li>• High purity, very low creep</li> <li>• Easy to handle (low weight)</li> <li>• Resistance to nuclear radiation</li> </ul>
<b>Joining</b>	<ul style="list-style-type: none"> <li>• Butt Fusion, Socket Fusion</li> </ul>
<b>Material</b>	Kynar PVDF – the homopolymer of 1,1 -difluoroethylene
<b>Fittings</b>	Bend, Tee, Stub end, Flange, Socket, Reducer
<b>Options</b>	PE-PVDF 1 Pipe – HDPE pipe with PVDF inner layer
<b>Installation Service</b>	We offer welding and pipeline installation from approved welding specialists.
<b>Welding Equipment Rental</b>	We offer big variety of welding equipments for rental or sale and service in the field.

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