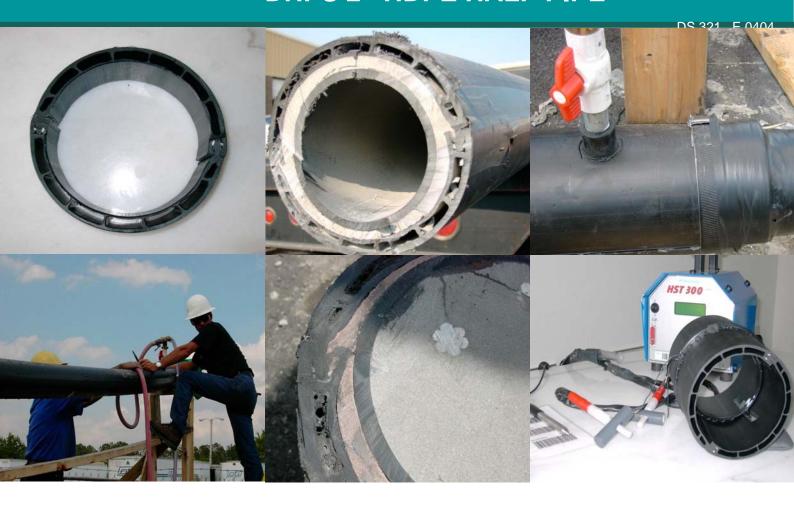


DHPS 2– HDPE HALF-PIPE





DHPS 2- HDPE HALF PIPE Technical Data

	Polyethylen Sheathing for durable protection of grouted new external tendons or repair of existing external Post-tensioning tendons				
Kind of Duct	Splitted HDPE double wall half-pipe with incorporated sealing with click connection Design to comply to standard grouting procedures incl pressure tightness				
Sealing	Integrated double sealing for inside and outside pressure tightness				
Heat Resistance	Best heat resistance to reduce "aging due to heat" effect				
Micro Crack Resistance	Best stabilisation to reduce formation of micro fissures at pipe surface				
Pressure Tightness	3,0 bar hydrostatic pressure from inside and 3.0 bar from outside				
Sizes	OD ID WallOD/cavitiy/W 90 62 4/7/3 110 82 4/7/3 125 97 4/7/3 140 112 4/7/3	/all ID OD 160 180 200 225	ID 132 152 172 195	WallOD/cavitiy/Wall ID 4/7/3 4/7/3 4/7/3 5/6/4	
Colors Installation and Jointing	Standard black. Other colors incl. uv-protection available. Half-pipes to be clicked together longitudinal over installed strand bundles. For best performance of half-pipes ID, we recommend to add 16-20 mm installation gap all in all to max OD of stands/packers/spacers. Radial joints by buttwelding with special half-pipe welding equipment available for all sizes. For limited installation area radial joints by electrofusion welding rings				
Production	For product no norms available. Production with ISO 9001 Quality Plan.				
Material	High Density Polyethylen with density of 0.95 g/cm3 at 23°C acc ASTM D 3350 class 345444 E.				
Chemical Resistance	Against almost any type of chemical attack.				
Pressure – Tests	Field test performed on 160/132 mm duct with standard PT grout filled with grouting pressure up to 7 bar resulted in final max hydrostatic pressure of 5 bar without any leaks.				
UV – Stability Guarantee	We offer 15 years guarantee on color stability and mechanical properties.				
Fittings	Spacers, Port vents, Vent pipes, Valves, End caps, Shrink couplers, Sealing tape available				
Prefabrication	We offer job site assistance and service in the field.				
Options	DHP Halfpipe system for non grouted stay cable protection				
References	On request.				

Contact us for more details.