

TECHNICAL DATA SHEET



KRASO® FLS - Flexible Empty Pipe System

Application area

Flexible empty pipe system as a cable protective hose for gas- and water tight connection to **KRASO® Cable Penetration KDS**.

Technical details

- + Flexible
- + Colour: red (FLS 90 black)
- + Smooth interior for smooth cable pulling
- + Smooth exterior for optimal sealing
- + Spiral embedded in the wall
- + Enhanced resistance against pressure and vacuum
- + High axial resistance
- + Good resistance to alkalis and acids
- + Good UV and ozone resistance
- + Gas-tight and liquid-tight
- + RoHS-compliant (*Restriction of Hazardous Substances*)
- + With extremely smooth, abrasion-resistant inner coating*

Tests

- + Testing according to DIN EN 61386-24
- + Over-pressures of 4 or 3 bar
- + Under-pressures of 0.7 or 0.5 bar



Material

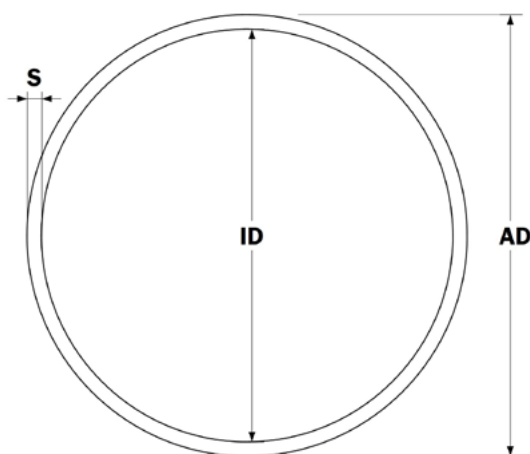
Wall	PVC-P
Spiral	PVC-U
Inner coating*	PVC-P (teflon-like)

*Properties ONLY for **KRASO® FLS 150**

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KRASO® FLS -Flexible Empty Pipe System

Technical drawing



ID = internal diameter | AD = external diameter | S = material thickness | R = bending radius

Type		ID (mm)	AD (mm)	S (mm)	R (mm)	Compression resistance(N)	Classification according to DIN EN 61386-24	Weight (kg/m)	Delivery length (m)	Item no.
FLS	90	80	88	4	200	629	N250 (reached test force F: 364 N)	1.5	30	KBKPFLS090
	110	101	113	6	350	1520	N250 (reached test force F: 293 N)	2.9	30	KKDSFLS110
	150	150	163	6.5	600	936	N250 (reached test force F: 388 N)	4.3	25	KKDSFLS15025M