



JANSEN barrier

Technical data sheet 34 × 3.9 mm

For installation in challenging geologies with gas deposits and depths of up to 170 m. Provides absolute diffusion-tightness with the usual handling.



Material properties

Material	PE 100-RC PAS 1075 (resistance to crack)
Continuous operating temperature	-20° C ... +40° C (DIN 8075)
Production according to	SIA 384/6, ÖWAV regulation sheet 207, VDI 4640 ISO 9001:2008, ISO/TS 16949:2009, ISO 14001:2004 OHSAS 18001:2007, DVS 2212-1, REACH
Pipe roughness	0.03 mm
Material density	0.95 - 0.97 g/cm ³
Tensile (Young's) modulus	1100 MPa
Yield stress	25 MPa
Tensile elongation	9%
FNCT	> 8760 h
Linear coefficient of linear expansion	0.18 mm/mK
Thermal conductivity	0.4 - 0.42 W/mK
Weather resistance (Europe)	> 10 a

Probe properties

Meets requirements, certification	SKZ-HR 3.26, SKZ A530
Material selection	PE 100-RC / EVOH / PE-HD
Minimum bend radii	640 mm @ 20° C, 1120 mm @ 10° C, 1600 mm @ 0° C
Versions	Double-U
Pressure rating	PN 16 (SDR 11)
Delivery lengths	50 - 170 m
Safety factor	1.25
Volume per meter of probe	2.16 l/min
Probe foot diameter	101 mm normal
Pressure loss per meter at 1.5 m ³ /h	1.8 mbar (water 20°C)
Farbe	Green
Color	Standard
Probe foot	Monolithic machined probe foot
Measurement in meters	Linear meters ascending
Production	Switzerland