



Technical data sheet – Geothermal probes PE 100-RC

Production monitoring based on the guidelines of the accredited certification institute SKZ Würzburg



Description	Terra geothermal probes standard	Terra geothermal probes standard	Terra Geothermal probes with Safety probe foot®	Terra Geothermal probes with Safety probe foot®
Material	PE 100-RC, SDR 11, PN16	PE 100-RC, SDR 11, PN16	PE 100-RC, SDR 11, PN16	PE 100-RC, SDR 11, PN16
Pipe	32 mm	40 mm	32 mm	40 mm
Probe foot-Ø	71 mm Single 86 mm Double-U	86 mm Single 104 mm Double-U	95 mm Double-U	115 mm Double-U
Pipe Color	black	black	black	black
Properties	<ul style="list-style-type: none"> - only two weld joints per probe foot - optimal flow - designed with weight adapter - only two weld joints per probe foot - optimal flow - designed with weight adapter 		<ul style="list-style-type: none"> - solid, space-saving construction with high fittings properties - homogeneous surface - good heat conductivity - threaded fastener for the installation with drill rod - integrated Spacer - the installation weight can be screwed simply and force-locked 	
Delivery	on throw-away pallets à 1,20 x 1,20m; pallet wrap film			
Continuous operating temperature	-20° - +30°C			
Minimum installation temperature	+5° C			
Wall thickness	32 x 3,0mm; 40 x 3,7mm			
Chemical stability	in accordance with DIN 8075 guidelines			
Usable Antifreeze	in accordance with VDI 4640 guidelines			
Useful life	≥ 50 years			
Storage	protected from sun			