


TECHNICAL SPECIFICATION

B-101-0100

Inflatable pipe plug Lansas Ø100/200 mm

Description	Value	Picture
Article Lansas	B-101-0100	
Characteristics rubber		
Type rubber	Natural Rubber (NR)	
Colour	Black	
Hardness (Shore A)	45-55	
Tensile (N/mm ²)	18-30	
Chemical resistance	Good: water Sufficient: acetic acid, hydrocarbon	
Temperature resistance	From -25°C tot +80°C	
Density	1.10-1.16 g/cm ³	
Characteristics reinforcement		
Type of reinforcement	Aramid/full-body cording Twaron type 1014 6080	
Breaking load (average)	66N	
Weight	0,36 g/m	
Characteristics pipe plug		
Max. inflation pressure	2,5 Bar maximum	
Max. back pressure	Diam. 100 mm → 2,0 bar Diam. 125 mm → 1,8 bar Diam. 150 mm → 1,3 bar Diam. 200 mm → 0,9 bar	
Important: Values are only valid for testing with water in clean, concrete pipes at normal operating temperatures		
Test pressure	2 x maximum inflation pressure during 24 hours at maximum operational diameter	
Break pressure	> 10 bar	
Safety factor	> 4 times inflation pressure	
Weight	2,5 kg	
Liters (at maximum inflation pressure)	Diam. 100 mm → 6,5 liters Diam. 200 mm → 27 liters	
Diameter deflated plug	86 mm	
Diameter minimum	100 mm	
Maximum expansion	200 mm	
Length	350 mm	
Thickness of rubber	9,5 - 10 mm	
Identification	RFID-chip integrated in plug	
Surface plug	Surface with circular rubber profile	
End plates	Aluminum plates – optional: stainless steel 316	
Fixation cord or chain	1 x L-piece	
Inflation hose	Delivered with 3 meters inflation hose, fixed to the plug by means of a clamp and delivered with 3 meters rope or chain, fixed to the plug on the L-piece	
Valve	Choice between a car-type valve (on request we can deliver a reducer from car-valve to bike-valve) or a quick-release valve. Thread-size is 1/8"	
Accessoires	Set consisting of a pressure gauge (filled with glycerine) with high-impact resistance cover, T-shaped element and deflation-tap Set of pressure gauge (as mentioned above) but with expansion/escape valve Fit for the Sewer Safety & Testing Device (SSTD) for optimal safety and verification and control	