

TECHNICAL SPECIFICATION

B-101-0045

Inflatable pipe plug Lansas Ø45/80 mm		
Description	Value	Picture
Article Lansas	B-101-0045	
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. 45 mm → 2,0 bar Diam. 65 mm → 1,8 bar Diam. 75 mm → 1,1 bar Diam. 80 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	0,5 kg	
Liters (at maximum inflation pressure)	Diam. 45 mm → 0,5 liters Diam. 80 mm → 2 liters	
Diameter deflated plug	43 mm	
Diameter minimum	45 mm	
Maximum expansion	80 mm	
Length	150 mm	
Thickness of rubber	4 - 5 mm	
Identification	Serial externally attached	
Surface plug	Surface with circular rubber profile	
End plates	NA	
Fixation cord or chain	NA	
Inflation hose	Delivered with 3 meters inflation hose, fixed to the plug by means of a clamp	
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	