


TECHNICAL SPECIFICATION

B-101-0200

Inflatable pipe plug Lansas Ø200/400 mm

| Description | Value | Picture |
|---|---|---|
| Article Lansas | B-101-0200 |  |
| 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. 200 mm → 2,0 bar Diam. 250 mm → 1,8 bar Diam. 300 mm → 1,4 bar Diam. 350 mm → 1,1 bar Diam. 400 mm → 0,8 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 | 5,5 kg | |
| Liters (at maximum inflation pressure) | Diam. 200 mm → 39 liters Diam. 400 mm → 172 liters | |
| Diameter deflated plug | 190 mm | |
| Diameter minimum | 200 mm | |
| Maximum expansion | 400 mm | |
| Length | 550 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 Eye bolt size M8 | |
| 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 eye bolt | |
| 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 1/4" | |
| 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 | |