

TECHNICAL SPECIFICATION

B-101-0650

Inflatable pipe plug Lansas Ø600/1500 mm

| Description | Value | Picture |
|---|---|---|
| Article Lansas | B-101-0650 |   |
| 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 | 1,5 Bar maximum (21.8 psi) | |
| Max. back pressure | Diam. 600 mm → 1,4 bar (20.3 psi) Diam. 800 mm → 1,3 bar (18.8 psi) Diam. 1000 mm → 1,2 bar (17.4 psi) Diam. 1200 mm → 1,1 bar (15.9 psi) Diam. 1400 mm → 1,0 bar (14.5) Diam. 1500 mm → 0,9 bar (13.0) | |
| 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 | > 6 bar (> 87 psi) | |
| Safety factor | > 4 times inflation pressure | |
| Weight | 65 kg (143 lbs) | |
| Liters (at maximum inflation pressure) | Diam. 600 mm → 1350 liters (357 gallon) Diam. 1500 mm → 9750 liters (2576 gallon) | |
| Diameter deflated plug | 566 mm (22.3") | |
| Diameter minimum | 600 mm (24") | |
| Maximum expansion | 1500 mm (60") | |
| Length | 2200 mm (87") | |
| Thickness of rubber | 9,5 - 10 mm (0.39") | |
| 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 | 2 x Eye bolt size M12 | |
| Safety devices | <ol style="list-style-type: none"> 1. Safety valve (durable and tight) attached directly to the upper end plate of the plug 2. Both end plates are tethered in order to prevent the end plates being ejected These safety devices are standard installed in our factory. | |
| 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 1/2" | |
| 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 | |