



PILLOW-TYPE BYPASS PACKER

DATA SHEET

Foldable repair packer with an integrated flow-through passage for large-diameter pipeline rehabilitation.



**UP TO 406
MM / 16 IN**

BYPASS
PASSAGE



**-20°C TO
+80°C**

OPERATING
TEMPERATURE



**600 MM TO
2000 MM**

PIPE I.D.
RANGE



**0.5 TO
1.0 BAR**

MAX. WORKING
PRESSURE



**FLOW-THROUGH
PASSAGE**



**FOLDABLE PILLOW
CONSTRUCTION**



CUSTOMIZABLE



BUILT TO BEND. ENGINEERED TO REPAIR.

WWW.PLUGLINE.NET

PILLOW-TYPE
BYPASS PACKER

CONTINUOUS FLOW. LARGE-DIAMETER SECTIONAL REPAIR.

The Plugline Pillow-Type Bypass Packer is a flexible inflatable device designed for trenchless sectional rehabilitation of large-diameter sewer, drainage and pipeline systems.

Its foldable pillow construction allows insertion through restricted access points. After positioning, controlled inflation applies uniform compaction pressure to the resin-impregnated repair laminate, while the integrated central bypass passage permits controlled flow or diversion through the repair section.

The product range covers pipe internal diameters from 600 mm to 2000 mm, with nominal bypass passages from 290 mm to 406 mm and maximum inflation pressures from 0.5 bar to 1.0 bar. Plugline identifies this product for large-diameter repair applications where flow must continue or be diverted during the repair process.



FEATURES

INTEGRATED BYPASS PASSAGE

Provides a clear flow-through path during positioning, inflation and curing of the repair laminate.

FOLDABLE PILLOW CONSTRUCTION

The deflated reinforced elastomeric body can be folded for transportation and restricted-access insertion.

LARGE-DIAMETER COVERAGE

Models accommodate pipe internal diameters from 600 mm to 2000 mm.

CONTROLLED RADIAL COMPACTION

Inflation applies distributed pressure to consolidate the repair laminate against the host-pipe wall.

MULTIPLE CONTACT LENGTHS

Available with effective repair-contact lengths of approximately 1000 mm or 2000 mm.

MATERIAL OPTIONS

Available in NR/SBR, CR or EPDM, subject to compatibility with the conveyed medium, resin system and operating environment.

SECTIONAL REPAIR.
RELIABLE REHABILITATION.

APPLICATIONS

- Large-diameter sewer rehabilitation
- Stormwater and drainage pipeline repair
- Sectional crack and joint rehabilitation
- Repairs requiring continued controlled flow
- Localized infiltration and exfiltration repair
- Municipal wastewater pipelines
- Trenchless pipe rehabilitation
- Restricted-access repair locations

TECHNICAL SPECIFICATIONS

Applicable Pipe I.D. Range	600–2000 mm
Maximum Inflation Pressure	0.5–1.0 bar / 7.25–14.50 psi
Operating Temperature	–40°C to +70°C
Effective Contact Lengths	Approximately 1000 mm or 2000 mm
Product Width Range	910–2180 mm
Overall Length Range	2500–4200 mm
Bypass Passage Diameter	290–406 mm / 11.42–15.98 in
Product Weight Range	40–130 kg
Construction	Reinforced flexible pillow-type inflatable body
Inflation Medium	Regulated compressed air
Material Options	NR/SBR, CR or EPDM
Customization	Subject to technical evaluation

PRODUCT RANGE

PILLOW TYPE PACKERS WITH BYPASS (0,5 bar/7psi - 1bar/14,5 psi)

Product Code	Nominal Size (mm)	Contact Length at Min. Dia (mm/inch)	Contact Length at Max. Dia (mm/inch)	Max. Working Pressure (bar/psi)	Product Width (mm/inch)	Total Length of Product (mm/inch)	Bypass Diameter (mm/inch)	Product Weight (kg/lbs)
PTPB6001000/2500	600-1000	2100mm/82,68"	1000mm/39,37"	1,0bar/14,5psi	910mm/35,83"	2500mm/98,43"	290mm/11,5"	40kg/88,18lbs
PTPB6001000/3500	600-1000	3100mm/122,05"	2000mm/78,74"	1,0bar/14,5psi	910mm/35,83"	3500mm/137,8"	290mm/11,5"	47kg/103,62lbs
PTPB8001200/2500	800-1200	2100mm/82,6						