



MULTI-SIZE BENDY PACKER

DATA SHEET

Flexible multi-size packer
for sectional repair of
curved pipelines and
bends up to 90°.



UP TO 90°

BENDING
CAPABILITY



**-20°C TO
+80°C**

OPERATING
TEMPERATURE



**50 MM TO
300 MM**

PIPE I.D.
RANGE



**2.0 TO
3.0 BAR**

MAX. WORKING
PRESSURE



**BENDS UP TO
90°**



**MULTI-SIZE
COVERAGE**



CUSTOMIZABLE



BUILT TO BEND. ENGINEERED TO REPAIR.

WWW.PLUGLINE.NET

MULTI-SIZE
BENDY PACKER

FLEXIBLE THROUGH BENDS. PRECISE SECTIONAL REPAIR.

The Plugline Multi-Size Bendy Packer is a flexible inflatable device designed for trenchless sectional repair of curved sewer, drainage and pipeline sections.

Its reinforced rubber body with embedded textile fabric provides the flexibility required to travel through bends while maintaining dimensional stability during inflation. The smooth external surface helps produce an even repaired section without unnecessary swelling or surface deformation.

The product is suitable for curved joints and pipe sections with bending angles up to 90°. Its sliding characteristics also allow it to pass through multiple bends to reach the required repair location.



FEATURES

BENDS UP TO 90°

Designed for localized repairs in elbows, curved joints and pipe sections with bends up to 90°.

MULTI-SIZE CONFIGURATION

Each model accommodates a defined range of pipe internal diameters between 50 mm and 300 mm.

REINFORCED RUBBER-TEXTILE BODY

Embedded textile reinforcement provides flexibility while supporting dimensional stability during inflation.

SMOOTH EXTERNAL SURFACE

Supports even contact between the repair material and the host-pipe wall, helping create a uniform repaired section.

HIGH SLIDING CAPABILITY

The flexible elongated construction can travel through multiple curved pipe sections to reach the repair location.

SECTIONAL REPAIR.
RELIABLE REHABILITATION.

APPLICATIONS

- Sectional repair of curved sewer pipelines
- Repair of pipeline elbows and bends
- Localized crack and leakage rehabilitation
- Curved pipe-junction repair
- Drainage and wastewater pipeline rehabilitation
- Repair locations beyond multiple bends
- Small- and medium-diameter service pipelines
- Trenchless repair where excavation is undesirable

TECHNICAL SPECIFICATIONS

Nominal Pipe-Size Range	50–300 mm
Maximum Working Pressure	2.0–3.0 bar / 29.01–43.51 psi
Maximum Bending Capability	Up to 90°
Operating Temperature	–20°C to +80°C
Rubber Body Length	1250–1750 mm
Contact Length	900–1400 mm
Deflated Product Diameter	32–231 mm
Total Product Length	1350–1850 mm
Product Weight	0.75–13 kg
Construction	Reinforced rubber body with embedded textile fabric
Surface	Smooth external repair-contact surface
Size Configuration	Multi-size
Customization	Available according to project requirements

PRODUCT RANGE

MULTI SIZE BENDY PACKERS (2,0 BAR/29,0 PSI - 3,0 BAR/43,51 PSI)

Product Code	Nominal Size (mm)	Length of Rubber Part (mm/inch)	Contact Length (mm/inch)	Max. Working Pressure (bar/psi)	Product Diameter (mm/inch)	Total Length of Product (mm/inch)	Product Weight (kg/lbs)
MBP5070	50-70	1250mm/49,21"	900mm/35,43"	3bar/43,51psi	32mm/1,26"	1350mm/53,15"	0,75kg/1,65lbs
MBP7080	70-80	1250mm/49,21"	900mm/35,43"	3bar/43,51psi	50mm/1,97"	1350mm/53,15"	2kg/4,41lbs
MBP100125	100-125	1250mm/49,21"	900mm/35,43"	3bar/43,51psi	60mm/2,36"	1350mm/53,15"	3kg/6,61lbs
MBP125150	125-150	1250mm/49,21"	900mm/35,43"	3bar/43,51psi	75mm/2,95"	1350mm/53,15"	5kg/11,02lbs
MBP150165	150-165	1250mm/49,21"	900mm/35,43"	2bar/29,01psi	75mm/2,95"	1350mm/53,15"	5kg/11,02lbs
MBP170220	170-220	1450mm/57,08"	1100mm/43,31"	2bar/29,01psi	115mm/4,53"	1550mm/61,02"	7kg/15,43lbs
MBP225250	225-250	1650mm/64,96"	1300mm/51,18"	2bar/29,01psi	150mm/5,91"	1750mm/68,9"	9kg/19,84lbs
MBP280300	280-300	1750mm/68,89"	1400mm/55,12"	2bar/29,01psi	231mm/9,09"	1850mm/72,83"	13kg/28,66lbs

*Other sizes and custom pressure ratings available upon request.

HOW TO USE

Six-step installation and removal sequence - always follow the selected model limits.

01

SELECT

Select the packer according to pipe ID, bend geometry, contact length and rated pressure.

02

INSPECT

Check the rubber body, end fittings, inflation hose, regulator and pressure gauge for damage.

03

PREPARE

Clean the repair area and remove deposits, sharp particles and protrusions from the pipe wall.

04

LOAD REPAIR MATERIAL

Apply the prepared resin-impregnated repair sleeve evenly around the protected packer surface.

05

POSITION AND INFLATE

Guide the packer to the damaged section, centre it accurately and inflate gradually to the specified working pressure.

06

CURE AND REMOVE

Maintain stable pressure during curing. Fully depressurize the packer before removal, cleaning and inspection.



SAFETY: KEEP PERSONNEL CLEAR WHILE THE PACKER IS PRESSURIZED.

Never exceed the specified working pressure. Use a pressure regulator and calibrated gauge, do not use damaged equipment, and ensure the packer is fully depressurized before adjustment, repositioning or removal.

