



MULTI-SIZE LATERAL PACKER

DATA SHEET

Multi-size inflatable
packer for trenchless
sectional repair of pipes,
drains and sewers.



**600 MM TO
5000 MM**

RUBBER
BODY LENGTH



**-20°C TO
+80°C**

OPERATING
TEMPERATURE



**25 MM TO
600 MM**

PIPE I.D.
RANGE



**1.0 TO
3.0 BAR**

MAX. WORKING
PRESSURE



**MULTIPLE REPAIR
LENGTHS**



**ROLLED END
DESIGN**



CUSTOMIZABLE



BUILT TO BEND. ENGINEERED TO REPAIR.

WWW.PLUGLINE.NET

MULTI-SIZE LATERAL PACKER

PRECISE CONTACT. RELIABLE SECTIONAL REPAIR.

The Plugline Multi-Size Lateral Packer is a long, flexible inflatable device designed for trenchless localized repair of pipes, drains and sewer systems.

The packer carries a resin-impregnated repair sleeve to the damaged section. Controlled inflation presses the repair material uniformly against the host-pipe wall until the resin has cured.

Models cover pipe internal diameters from 25 mm to 600 mm, with rubber-body lengths from 600 mm to 5000 mm and maximum working pressures from 1.0 bar to 3.0 bar. Plugline identifies the range particularly for domestic connections and localized repairs where continuous flow does not need to be maintained

FEATURES

MULTI-SIZE CONFIGURATION

Each model accommodates a defined range of pipe internal diameters.

MULTIPLE REPAIR LENGTHS

Rubber-body lengths from 600 mm to 5000 mm support both short and extended sectional repairs.

VARIABLE CONTACT LENGTH

The effective contact length changes according to the pipe diameter and expanded packer geometry

ROLLED END DESIGN

Rolled ends improve handling, transportation and sliding through the pipeline.

CONTROLLED INFLATION

Maximum working pressure ranges from 1.0 to 3.0 bar according to the selected diameter group.

FLEXIBLE CYLINDRICAL BODY

The elongated inflatable construction supports positioning through manholes and small pipeline access points

**SECTIONAL REPAIR.
RELIABLE REHABILITATION.**

APPLICATIONS

- Localized sewer and drain rehabilitation
- Domestic and lateral connection pipelines
- Sectional crack and leakage repair
- Repair of damaged pipe joints
- Infiltration and exfiltration repair
- Small- and medium-diameter pipelines
- Trenchless repair without excavation
- Repairs where bypass flow is not required

TECHNICAL SPECIFICATIONS

Nominal Pipe-Size Range	25-600 mm
Maximum Working Pressure	1.0-3.0 bar / 14.50-43.51 psi
Rubber-Body Length Range	600-5000 mm
Contact Length at Minimum Diameter	480-4940 mm
Contact Length at Maximum Diameter	280-4880 mm
Deflated Product Diameter	20-345 mm
Total Product Length	760-5160 mm
Product Weight Range	0.4-21 kg
Construction	Flexible reinforced cylindrical inflatable body
End Configuration	Rolled ends
Inflation Method	Regulated compressed-air supply
Customization	Available according to project requirements

PRODUCT RANGE

MULTI SIZE LATERAL PACKERS (1,0 BAR/14,50 PSI - 3,0 BAR/43,51 PSI)

Product Code	Nominal Size (mm)	Length of Rubber Part (mm/inch)	Contact Length at Min. Dia (mm/inch)	Contact Length at Max. Dia (mm/inch)	Max. Working Pressure (bar/psi)	Product Diameter (mm/inch)	Total Length of Product (mm/inch)	Product Weight (kg/lbs)
--------------	-------------------	---------------------------------	--------------------------------------	--------------------------------------	---------------------------------	----------------------------	-----------------------------------	-------------------------

NOMINAL SIZE 25-35

MLP2535/600	25-35	600mm/23,62"	520mm/20,47"	440mm/17,32"	3bar/43,5psi	20mm/0,79"	760mm/29,92"	0,4kg/0,88lbs
MLP2535/1000	25-35	1000mm/39,37"	920mm/36,22"	840mm/33,07"	3bar/43,5psi	20mm/0,79"	1160mm/45,67"	0,65kg/1,43lbs
MLP2535/1500	25-35	1500mm/59,06"	1420mm/55,91"	1340mm/52,76"	3bar/43,5psi	20mm/0,79"	1660mm/65,35"	1kg/2,2lbs
MLP2535/2000	25-35	2000mm/78,74"	1920mm/75,59"	1840mm/72,44"	3bar/43,5psi	20mm/0,79"	2160mm/85,04"	1,4kg/3,09lbs
MLP2535/2500	25-35	2500mm/98,43"	2420mm/95,28"	2340mm/92,13"	3bar/43,5psi	20mm/0,79"	2660mm/104,72"	1,7kg/3,75lbs
MLP2535/3000	25-35	3000mm/118,11"	2920mm/114,96"	2840mm/111,81"	3bar/43,5psi	20mm/0,79"	3160mm/124,41"	2kg/4,41lbs
MLP2535/4000	25-35	4000mm/157,48"	3920mm/154,33"	3840mm/151,18"	3bar/43,5psi	20mm/0,79"	4160mm/163,78"	2,7kg/5,95lbs
MLP2535/5000	25-35	5000mm/196,85"	4920mm/193,7"	4840mm/190,55"	3bar/43,5psi	20mm/0,79"	5160mm/203,15"	3,4kg/7,5lbs

NOMINAL SIZE 35-50

MLP3550/600	35-50	600mm/23,62"	520mm/20,47"	440mm/17,32"	3bar/43,5psi	25mm/0,98"	760mm/29,92"	0,5kg/1,1lbs
MLP3550/1000	35-50	1000mm/39,37"	920mm/36,22"	840mm/33,07"	3bar/43,5psi	25mm/0,98"	1160mm/45,67"	0,9kg/1,98lbs
MLP3550/1500	35-50	1500mm/59,06"	1420mm/55,91"	1340mm/52,76"	3bar/43,5psi	25mm/0,98"	1660mm/65,35"	1,25kg/2,76lbs
MLP3550/2000	35-50	2000mm/78,74"	1920mm/75,59"	1840mm/72,44"	3bar/43,5psi	25mm/0,98"	2160mm/85,04"	1,7kg/3,75lbs
MLP3550/2500	35-50	2500mm/98,43"	2420mm/95,28"	2340mm/92,13"	3bar/43,5psi	25mm/0,98"	2660mm/104,72"	2,2kg/4,85lbs
MLP3550/3000	35-50	3000mm/118,11"	2920mm/114,96"	2840mm/111,81"	3bar/43,5psi	25mm/0,98"	3160mm/124,41"	2,5kg/5,51lbs
MLP3550/4000	35-50	4000mm/157,48"	3920mm/154,33"	3840mm/151,18"	3bar/43,5psi	25mm/0,98"	4160mm/163,78"	3kg/6,61lbs
MLP3570/5000	35-50	5000mm/196,85"	4920mm/193,7"	4840mm/190,55"	3bar/43,5psi	25mm/0,98"	5160mm/203,15"	3,5kg/7,72lbs

NOMINAL SIZE 50-70

MLP5070/600	50-70	600mm/23,62"	520mm/20,47"	440mm/17,32"	3bar/43,5psi	33mm/1,3"	760mm/29,92"	0,6kg/1,32lbs
MLP5070/1000	50-70	1000mm/39,37"	920mm/36,22"	840mm/33,07"	3bar/43,5psi	33mm/1,3"	1160mm/45,67"	1kg/2,2lbs
MLP5070/1500	50-70	1500mm/59,06"	1440mm/56,69"	1340mm/52,76"	3bar/43,5psi	33mm/1,3"	1660mm/65,35"	1,5kg/3,31lbs
MLP5070/2000	50-70	2000mm/78,74"	1940mm/76,38"	1840mm/72,44"	3bar/43,5psi	33mm/1,3"	2160mm/85,04"	2kg/4,41lbs
MLP5070/2500	50-70	2500mm/98,43"	2440mm/96,06"	2340mm/92,13"	3bar/43,5psi	33mm/1,3"	2660mm/104,72"	2,5kg/5,51lbs
MLP5070/3000	50-70	3000mm/118,11"	2940mm/115,75"	2840mm/111,81"	3bar/43,5psi	33mm/1,3"	3160mm/124,41"	3kg/6,61lbs
MLP5070/4000	50-70	4000mm/157,48"	3940mm/155,12"	3840mm/151,18"	3bar/43,5psi	33mm/1,3"	4160mm/163,78"	3,5kg/7,72lbs
MLP5070/5000	50-70	5000mm/196,85"	4940mm/194,49"	4840mm/190,55"	3bar/43,5psi	33mm/1,3"	5160mm/203,15"	4kg/8,82lbs

NOMINAL SIZE 70-100

MLP70100/600	70-100	600mm/23,62"	520mm/20,47"	380mm/14,96"	3bar/43,5psi	51mm/2,01"	760mm/29,92"	0,7kg/1,54lbs
MLP70100/1000	70-100	1000mm/39,37"	920mm/36,22"	780mm/30,71"	3bar/43,5psi	51mm/2,01"	1160mm/45,67"	1,2kg/2,65lbs
MLP70100/1500	70-100	1500mm/59,06"	1420mm/55,91"	1280mm/50,39"	3bar/43,5psi	51mm/2,01"	1660mm/65,35"	1,7kg/3,75lbs
MLP70100/2000	70-100	2000mm/78,74"	1920mm/75,59"	1780mm/70,08"	3bar/43,5psi	51mm/2,01"	2160mm/85,04"	2,2kg/4,85lbs
MLP70100/2500	70-100	2500mm/98,43"	2420mm/95,28"	2280mm/89,76"	3bar/43,5psi	51mm/2,01"	2660mm/104,72"	2,8kg/6,17lbs
MLP70100/3000	70-100	3000mm/118,11"	2920mm/114,96"	2780mm/109,45"	3bar/43,5psi	51mm/2,01"	3160mm/124,41"	3,2kg/7,05lbs
MLP70100/4000	70-100	4000mm/157,48"	3920mm/154,33"	3780mm/148,82"	3bar/43,5psi	51mm/2,01"	4160mm/163,78"	3,7kg/8,16lbs
MLP70100/5000	70-100	5000mm/196,85"	4920mm/193,7"	4780mm/188,19"	3bar/43,5psi	51mm/2,01"	5160mm/203,15"	4,2kg/9,26lbs

*Other sizes and custom pressure ratings available upon request.



MULTI SIZE LATERAL PACKERS (1,0 BAR/14,50 PSI - 3,0 BAR/43,51 PSI)

Product Code	Nominal Size (mm)	Length of Rubber Part (mm/inch)	Contact Length at Min. Dia (mm/inch)	Contact Length at Max. Dia (mm/inch)	Max. Working Pressure (bar/psi)	Product Diameter (mm/inch)	Total Length of Product (mm/inch)	Product Weight (kg/lbs)
NOMINAL SIZE 80-125								
MLP80125/600	80-125	600mm/23,62"	520mm/20,47"	360mm/14,17"	3bar/43,5psi	51mm/2,01"	760mm/29,92"	0,7kg/1,54lbs
MLP80125/1000	80-125	1000mm/39,37"	920mm/36,22"	860mm/33,86"	3bar/43,5psi	51mm/2,01"	1160mm/45,67"	1,2kg/2,65lbs
MLP80125/1500	80-125	1500mm/59,06"	1420mm/55,91"	1360mm/53,54"	3bar/43,5psi	51mm/2,01"	1660mm/65,35"	1,7kg/3,75lbs
MLP80125/2000	80-125	2000mm/78,74"	1920mm/75,59"	1860mm/73,23"	3bar/43,5psi	51mm/2,01"	2160mm/85,04"	2,2kg/4,85lbs
MLP80125/2500	80-125	2500mm/98,43"	2420mm/95,28"	2360mm/92,91"	3bar/43,5psi	51mm/2,01"	2660mm/104,72"	2,8kg/6,17lbs
MLP80125/3000	80-125	3000mm/118,11"	2920mm/114,96"	2860mm/112,6"	3bar/43,5psi	51mm/2,01"	3160mm/124,41"	3,2kg/7,05lbs
MLP80125/4000	80-125	4000mm/157,48"	3920mm/154,33"	3860mm/151,97"	3bar/43,5psi	51mm/2,01"	4160mm/163,78"	3,7kg/8,16lbs
MLP80125/5000	80-125	5000mm/196,85"	4920mm/193,7"	4860mm/191,34"	3bar/43,5psi	51mm/2,01"	5160mm/203,15"	4,2kg/9,26lbs

NOMINAL SIZE 100-150

MLP100150/600	100-150	600mm/23,62"	520mm/20,47"	380mm/14,96"	2,5bar/36,25psi	60mm/2,36"	760mm/29,92"	1,5kg/3,31lbs
MLP100150/1000	100-150	1000mm/39,37"	920mm/36,22"	780mm/30,71"	2,5bar/36,25psi	60mm/2,36"	1160mm/45,67"	2,7kg/5,95lbs
MLP100150/1500	100-150	1500mm/59,06"	1420mm/55,91"	1380mm/54,33"	2,5bar/36,25psi	60mm/2,36"	1660mm/65,35"	4kg/8,82lbs
MLP100150/2000	100-150	2000mm/78,74"	1920mm/75,59"	1880mm/74,02"	2,5bar/36,25psi	60mm/2,36"	2160mm/85,04"	5,5kg/12,13lbs
MLP100150/2500	100-150	2500mm/98,43"	2420mm/95,28"	2380mm/93,7"	2,5bar/36,25psi	60mm/2,36"	2660mm/104,72"	6,7kg/14,77lbs
MLP100150/3000	100-150	3000mm/118,11"	2920mm/114,96"	2880mm/113,39"	2,5bar/36,25psi	60mm/2,36"	3160mm/124,41"	8kg/17,64lbs
MLP100150/4000	100-150	4000mm/157,48"	3920mm/154,33"	3880mm/152,76"	2,5bar/36,25psi	60mm/2,36"	4160mm/163,78"	10,7kg/23,59lbs
MLP100150/5000	100-150	5000mm/196,85"	4920mm/193,7"	4880mm/192,13"	2,5bar/36,25psi	60mm/2,36"	5160mm/203,15"	13,5kg/29,76lbs

NOMINAL SIZE 150-200

MLP150200/600	150-200	600mm/23,62"	480mm/18,9"	320mm/12,6"	2,5bar/36,25psi	80mm/3,15"	760mm/29,92"	1,7kg/3,75lbs
MLP150200/1000	150-200	1000mm/39,37"	880mm/34,65"	720mm/28,35"	2,5bar/36,25psi	80mm/3,15"	1160mm/45,67"	3kg/6,61lbs
MLP150200/1500	150-200	1500mm/59,06"	1380mm/54,33"	1220mm/48,03"	2,5bar/36,25psi	80mm/3,15"	1660mm/65,35"	4,5kg/9,92lbs
MLP150200/2000	150-200	2000mm/78,74"	1880mm/74,02"	1720mm/67,72"	2,5bar/36,25psi	80mm/3,15"	2160mm/85,04"	6kg/13,23lbs
MLP150200/2500	150-200	2500mm/98,43"	2380mm/93,7"	2220mm/87,4"	2,5bar/36,25psi	80mm/3,15"	2660mm/104,72"	7,5kg/16,53lbs
MLP150200/3000	150-200	3000mm/118,11"	2880mm/113,39"	2720mm/107,09"	2,5bar/36,25psi	80mm/3,15"	3160mm/124,41"	9,2kg/20,28lbs
MLP150200/4000	150-200	4000mm/157,48"	3880mm/152,76"	3720mm/146,46"	2,5bar/36,25psi	80mm/3,15"	4160mm/163,78"	12,3kg/27,12lbs
MLP150200/5000	150-200	5000mm/196,85"	4880mm/192,13"	4720mm/185,83"	2,5bar/36,25psi	80mm/3,15"	5160mm/203,15"	15,4kg/33,95lbs

NOMINAL SIZE 150-250

MLP150250/600	150-250	600mm/23,62"	520mm/20,47"	360mm/14,17"	2bar/29psi	116mm/4,57"	760mm/29,92"	2,5kg/5,51lbs
MLP150250/1000	150-250	1000mm/39,37"	920mm/36,22"	760mm/29,92"	2bar/29psi	116mm/4,57"	1160mm/45,67"	3,8kg/8,38lbs
MLP150250/1500	150-250	1500mm/59,06"	1420mm/55,91"	1260mm/49,61"	2bar/29psi	116mm/4,57"	1660mm/65,35"	5,3kg/11,68lbs
MLP150250/2000	150-250	2000mm/78,74"	1920mm/75,59"	1760mm/69,29"	2bar/29psi	116mm/4,57"	2160mm/85,04"	6,8kg/14,99lbs
MLP150250/2500	150-250	2500mm/98,43"	2420mm/95,28"	2260mm/88,98"	2bar/29psi	116mm/4,57"	2660mm/104,72"	8,3kg/18,3lbs
MLP150250/3000	150-250	3000mm/118,11"	2920mm/114,96"	2760mm/108,66"	2bar/29psi	116mm/4,57"	3160mm/124,41"	10kg/22,05lbs
MLP150250/4000	150-250	4000mm/157,48"	3920mm/154,33"	3760mm/148,03"	2bar/29psi	116mm/4,57"	4160mm/163,78"	13,1kg/28,88lbs
MLP150250/5000	150-250	5000mm/196,85"	4920mm/193,7"	4760mm/187,4"	2bar/29psi	116mm/4,57"	5160mm/203,15"	16,2kg/35,71lbs

MULTI SIZE LATERAL PACKERS (1,0 BAR/14,50 PSI - 3,0 BAR/43,51 PSI)

Product Code	Nominal Size (mm)	Length of Rubber Part (mm/inch)	Contact Length at Min. Dia (mm/inch)	Contact Length at Max. Dia (mm/inch)	Max. Working Pressure (bar/psi)	Product Diameter (mm/inch)	Total Length of Product (mm/inch)	Product Weight (kg/lbs)
NOMINAL SIZE 200-300								
MLP200300/600	200-300	600mm/23,62"	480mm/18,9"	280mm/11,02"	2bar/29psi	150mm/5,91"	760mm/29,92"	4kg/8,82lbs
MLP200300/1000	200-300	1000mm/39,37"	880mm/34,65"	680mm/26,77"	2bar/29psi	150mm/5,91"	1160mm/45,67"	6kg/13,23lbs
MLP200300/1500	200-300	1500mm/59,06"	1380mm/54,33"	1180mm/46,46"	2bar/29psi	150mm/5,91"	1660mm/65,35"	8kg/17,64lbs
MLP200300/2000	200-300	2000mm/78,74"	1880mm/74,02"	1680mm/66,14"	2bar/29psi	150mm/5,91"	2160mm/85,04"	10kg/22,05lbs
MLP200300/2500	200-300	2500mm/98,43"	2380mm/93,7"	2180mm/85,83"	2bar/29psi	150mm/5,91"	2660mm/104,72"	12kg/26,46lbs
MLP200300/3000	200-300	3000mm/118,11"	2880mm/113,39"	2680mm/105,51"	2bar/29psi	150mm/5,91"	3160mm/124,41"	14kg/30,86lbs
MLP200300/4000	200-300	4000mm/157,48"	3880mm/152,76"	3680mm/144,88"	2bar/29psi	150mm/5,91"	4160mm/163,78"	16kg/35,27lbs
MLP200300/5000	200-300	5000mm/196,85"	4880mm/192,13"	4680mm/184,25"	2bar/29psi	150mm/5,91"	5160mm/203,15"	18kg/39,68lbs

NOMINAL SIZE 300-400

MLP300400/1000	300-400	1000mm/39,37"	800mm/31,5"	460mm/18,11"	1,5bar/21,75psi	231mm/9,09"	1160mm/45,67"	7kg/15,43lbs
MLP300400/1500	300-400	1500mm/59,06"	1300mm/51,18"	960mm/37,8"	1,5bar/21,75psi	231mm/9,09"	1660mm/65,35"	9kg/19,84lbs
MLP300400/2000	300-400	2000mm/78,74"	1800mm/70,87"	1460mm/57,48"	1,5bar/21,75psi	231mm/9,09"	2160mm/85,04"	11kg/24,25lbs
MLP300400/2500	300-400	2500mm/98,43"	2300mm/90,55"	1960mm/77,17"	1,5bar/21,75psi	232mm/9,13"	2660mm/104,72"	13kg/28,66lbs
MLP300400/3000	300-400	3000mm/118,11"	2800mm/110,24"	2460mm/96,85"	1,5bar/21,75psi	231mm/9,09"	3160mm/124,41"	16kg/35,27lbs
MLP300400/4000	300-400	4000mm/157,48"	3800mm/149,61"	3460mm/136,22"	1,5bar/21,75psi	231mm/9,09"	4160mm/163,78"	18kg/39,68lbs
MLP300400/5000	300-400	5000mm/196,85"	4800mm/188,98"	4460mm/175,59"	1,5bar/21,75psi	231mm/9,09"	5160mm/203,15"	20kg/44,09lbs

NOMINAL SIZE 400-500

MLP400500/1000	400-500	1000mm/39,37"	820mm/32,28"	620mm/24,41"	1bar/14,5psi	345mm/13,58"	1160mm/45,67"	8kg/17,64lbs
MLP400500/1500	400-500	1500mm/59,06"	1320mm/51,97"	1120mm/44,09"	1bar/14,5psi	345mm/13,58"	1660mm/65,35"	10kg/22,05lbs
MLP400500/2000	400-500	2000mm/78,74"	1820mm/71,65"	1620mm/63,78"	1bar/14,5psi	345mm/13,58"	2160mm/85,04"	12kg/26,46lbs
MLP400500/2500	400-500	2500mm/98,43"	2320mm/91,34"	2120mm/83,46"	1bar/14,5psi	345mm/13,58"	2660mm/104,72"	14kg/30,86lbs
MLP400500/3000	400-500	3000mm/118,11"	2820mm/111,02"	2620mm/103,15"	1bar/14,5psi	345mm/13,58"	3160mm/124,41"	17kg/37,48lbs
MLP400500/4000	400-500	4000mm/157,48"	3820mm/150,39"	3620mm/142,52"	1bar/14,5psi	345mm/13,58"	4160mm/163,78"	19kg/41,89lbs
MLP400500/5000	400-500	5000mm/196,85"	4820mm/189,76"	4620mm/181,89"	1bar/14,5psi	345mm/13,58"	5160mm/203,15"	21kg/46,3lbs

NOMINAL SIZE 450-600

MLP450600/1000	450-600	1000mm/39,37"	760mm/29,92"	440mm/17,32"	1bar/14,5psi	345mm/13,58"	1160mm/45,67"	8kg/17,64lbs
MLP450600/1500	450-600	1500mm/59,06"	1260mm/49,61"	940mm/37,01"	1bar/14,5psi	345mm/13,58"	1660mm/65,35"	10kg/22,05lbs
MLP450600/2000	450-600	2000mm/78,74"	1760mm/69,29"	1440mm/56,69"	1bar/14,5psi	345mm/13,58"	2160mm/85,04"	12kg/26,46lbs
MLP450600/2500	450-600	2500mm/98,43"	2260mm/88,98"	1940mm/76,38"	1bar/14,5psi	345mm/13,58"	2660mm/104,72"	14kg/30,86lbs
MLP450600/3000	450-600	3000mm/118,11"	2760mm/108,66"	2440mm/96,06"	1bar/14,5psi	345mm/13,58"	3160mm/124,41"	17kg/37,48lbs
MLP450600/4000	450-600	4000mm/157,48"	3760mm/148,03"	3440mm/135,43"	1bar/14,5psi	345mm/13,58"	4160mm/163,78"	19kg/41,89lbs
MLP450600/5000	450-600	5000mm/196,85"	4760mm/187,4"	4440mm/174,8"	1bar/14,5psi	345mm/13,58"	5160mm/203,15"	21kg/46,3lbs

