



Muni-Ball®

Cherne Muni-Ball®

The Muni-Ball® Plug was introduced over 50 years ago and the Cherne brand continues to be the most trusted name in pneumatic plugs. Muni-Ball® Plugs offer a full bypass allowing both testing and monitoring of piping systems. Muni-Balls® are ideal for installation and repair of residential or commercial piping systems. Cherne Muni-Ball® products can also be used for maintenance of municipal infrastructure, including sanitary and storm sewer pipe systems. Muni-Ball® plugs are durable, rugged and are effective on almost any type of pipe.

- Muni-Ball® Plugs are supplied with Schrader tire inflation valves
- Larger diameter Muni-Ball® Plugs include a removable threaded valve, allowing the user to replace with quick disconnect fittings
- Muni-Balls® with flexible bypass are bendable to 90°
- Multi-Size® Muni-Ball® Plugs allow more options and less inventory
- 8", 10", 12" and 15" Sizes now include new modified plug for sewer air tests
- Larger plugs now feature patented field repairable rupture disc technology





Air-Loc® conversion kit:

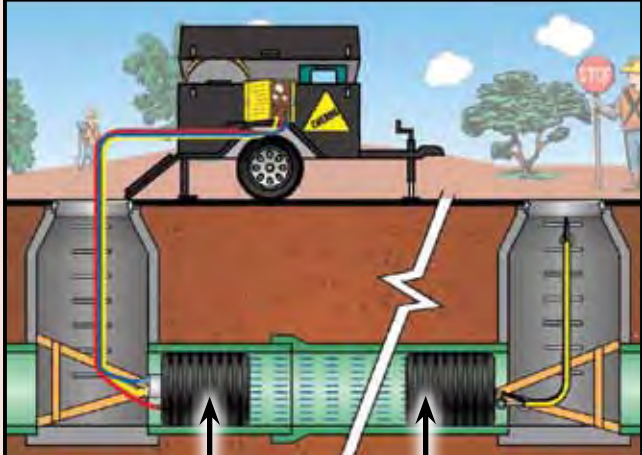


Conversion kit: Muni-Ball® to Remo® plug.

Muni-Ball® Applications Bypass Pumping



Sewer Air Test



Front or back plug



Rupture Disc

- Protect investment
- Prevent damage
- Increase safety

See page 2



Poly-Lift Line with Gauge

Great for plugs from 6" to 60" with removable tire valves



Muni-Ball®

Part Number	Nominal Size	Bypass Diameter (NPT)	Range of Use	Maximum Back Pressure		Inflation Pressure	Product Weight	Deflated Length	Deflated Diameter	Inflation Thread	Chain / Eye bolts
262008	1.5" (40 mm)	1/8" M	1.49"-1.88" (38-48 mm)	22 psi (1,5 bar)	50 ft (15 M)	40 psi (2,8 bar)	0.3 lbs (0.2 kg)	3.8" (97 mm)	1.4" (36 mm)	Molded in Valve	Removable Chain
262010	2" (50 mm)	1/8" F	1.88"-2.25" (48-57 mm)	22 psi (1,5 bar)	50 ft (15 M)	40 psi (2,8 bar)	0.4 lbs (0.3 kg)	6" (152 mm)	1.75" (44 mm)	Molded in Valve	Removable Chain
262021	3" (75 mm)	3/4" F	2.62"-3.25" (67-83 mm)	22 psi (1,5 bar)	50 ft (15 M)	40 psi (2,8 bar)	1.25 lbs (0.5 kg)	8" (203 mm)	2.5" (64 mm)	Molded in Valve	Removable Chain
262048	4" (100 mm)	3/4" F	3.25"-4.25" (83-108 mm)	22 psi (1,5 bar)	50 ft (15 M)	40 psi (2,8 bar)	1.5 lbs (0.7 kg)	8" (203 mm)	3.13" (80 mm)	Molded in Valve	1/4" (1)
265048	4" - 6" (100-150 mm)	3/4" F	3.75"-6.25" (100-150 mm)	17 psi (1,2 bar)	40 ft (12 M)	35 psi (2,4 bar)	2.5 lbs (1.1 kg)	10.75" (273 mm)	3.46" (88 mm)	1/8"	1/4" (1)
355088	4" - 8" (100-200 mm)	†3/4" M	3.75"-8.25" (100-210mm)	13 psi (0,9 bar)	30 ft. (9.1 M)	30 psi (2,1 bar)	6 lbs (2.7 kg)	22" (559mm)	3.65" (93 mm)	1/4"	1/4" (1)
262064	6" (150 mm)	1 1/2" F	4.50"-6.25" (144-159 mm)	13 psi (0,9 bar)	30 ft. (9.1 M)	35 psi (2,4 bar)	2 lbs (1 kg)	7" (178 mm)	4.5" (112 mm)	1/8"	1/4" (1)
265068	6" - 8" (150-200 mm)	1 1/2" F	5.50"-8.35" (133-212 mm)	17 psi (1,2 bar)	40 ft (12 M)	35 psi (2,4 bar)	6 lbs (2.7 kg)	13" (330 mm)	5" (125 mm)	1/4"	3/8" (1)
355128	6" - 12" (150-300 mm)	†1" M	5.50"-12.25" (150-311 mm)	13 psi (0,9 bar)	30 ft. (9.1 M)	30 psi (2,1 bar)	8.5 lbs (3.9 kg)	26.25" (667 mm)	5.25" (133 mm)	1/4"	3/8" (1)
262080	8" (200 mm)	3" F	7.00"-8.25" (178-210 mm)	13 psi (0,9 bar)	30 ft. (9.1 M)	35 psi (2,4 bar)	5 lbs (2.3 kg)	10" (254 mm)	6.75" (170 mm)	1/4"	3/8" (1)
265078	8" - 10" (200-250 mm)	2" F	7.00"-10.25" (178-260 mm)	17 psi (1,2 bar)	40 ft (12 M)	30 psi (2,1 bar)	9 lbs (3 kg)	14.5" (368 mm)	6.75" (171 mm)	1/4"	3/8" (1)
265098	8" - 12" (200-300 mm)	2" F	7.00"-12.25" (178-311 mm)	17 psi (1,2 bar)	40 ft (12 M)	25 psi (1,7 bar)	16 lbs (7.3kg)	22" (559 mm)	6.75" (171 mm)	1/4"	3/8" (1)
355168	8" - 16" (200-400 mm)	†2" F	7.7"-16.25" (196-413 mm)	13 psi (0,9 bar)	30 ft. (9.1 M)	30 psi (2,1 bar)	23 lbs (10.5 kg)	32" (813 mm)	7.6" (194 mm)	1/4"	3/8" (2)
262110	10" (250 mm)	3" F	9.00"-10.25" (229-260 mm)	13 psi (0,9 bar)	30 ft. (9.1 M)	35 psi (2,4 bar)	9 lbs (4 kg)	11.75" (298 mm)	8.75" (222 mm)	1/4"	3/8" (1)
262129	12" (300 mm)	3" F	10.50"-12.25" (267-311 mm)	13 psi (0,9 bar)	30 ft. (9.1 M)	35 psi (2,4 bar)	13 lbs (6 kg)	13.75" (350 mm)	10.25" (260 mm)	1/4"	3/8" (1)
265128	12" - 18" (300-450 mm)	4" F	10.75"-18.75" (273-477 mm)	13 psi (0,9 bar)	30 ft. (9.1 M)	25 psi (1,7 bar)	32 lbs (14.5 kg)	27.25" (692 mm)	10.5" (267 mm)	1/4"(2)	3/8" (2)
355248	12" - 24" (300-600 mm)	†2" M	11.25"-24.25" (286-616 mm)	13 psi (0,9 bar)	30 ft. (9.1 M)	30 psi (2,1 bar)	41 lbs (18.6 kg)	40" (1016 mm)	11" (282 mm)	1/4"	3/8" (2)
262137	15" - 16" (375-400 mm)	3" F	14.0"-16.0" (356-413 mm)	13 psi (0,9 bar)	30 ft. (9.1 M)	35 psi (2,4 bar)	33 lbs (15 kg)	19.75" (502 mm)	13.75" (346 mm)	1/4"	3/8" (1)
*412308	15" - 30" (375-750 mm)	†2 1/2" M	14.5"-30.5" (368-775 mm)	**11 psi (0,76 bar)	25 ft. (7.6 M)	25 psi (1,7 bar)	62 lbs (28 kg)	51" (1289 mm)	14" (356 mm)	1/4" & 1/2"	3/8" (4)
*414308	15" - 30" (375-750 mm)	†4" M	14.5"-30.5" (368-775 mm)	**11 psi (0,76 bar)	25 ft. (7.6 M)	25 psi (1,7 bar)	105 lbs (48 kg)	51" (1289 mm)	14" (356 mm)	1/4" & 1/2"	3/8" (4)
262188	18" (450 mm)	4" F	17.5"-19.5" (445-504 mm)	13 psi (0,9 bar)	30 ft. (9.1 M)	25 psi (1,7 bar)	79 lbs (36 kg)	24.75" (629 mm)	16.9" (429 mm)	1/4"	1/2" (2)
*312408	20" - 40" (500-1000 mm)	†2" M	19"-40" (475-1000mm)	8.7 psi (0,6 bar)	20 ft. (6.1 M)	22 psi (1,5 bar)	88 lbs (40 kg)	46.25" (1175 mm)	18.5" (470 mm)	1/4" & 1/2"	1/2" (2)
*314408	20" - 40" (500-1000mm)	†4" M	19"-40" (475-1000mm)	8.7 psi (0,6 bar)	20 ft. (6.1 M)	22 psi (1,5 bar)	95 lbs (43 kg)	46.25" (1175 mm)	18.5" (470 mm)	1/4" & 1/2"	1/2" (2)
*316408	20" - 40" (500-1000mm)	†6" M	19"-40" (475-1000mm)	8.7 psi (0,6 bar)	20 ft. (6.1 M)	22 psi (1,5 bar)	106 lbs (48 kg)	46.25" (1175 mm)	18.5" (470 mm)	1/4" & 1/2"	1/2" (2)
262218	21" (525 mm)	4" F	18.55"-21.38" (479-543 mm)	13 psi (0,9 bar)	30 ft. (9.1 M)	25 psi (1,7 bar)	87 lbs (39 kg)	26" (660 mm)	18.25" (462 mm)	1/4"	1/2" (2)
262242	24" (600 mm)	†4" F	22.0"-25" (558-632 mm)	13 psi (0,9 bar)	30 ft. (9.1 M)	25 psi (1,7 bar)	124 lbs (56 kg)	28.75" (730 mm)	21.25" (538 mm)	1/4"	1/2" (2)
*410428	24" - 42" (600-1050 mm)	†4" M	22.5"-42.5" (600-1050 mm)	**9 psi (0,62 bar)	20 ft. (6.1 M)	25 psi (1,7 bar)	150 lbs (68 kg)	52" (1320 mm)	22" (560 mm)	1/4" & 1/2"	1/2" (4)
*314488	24" - 48" (600-1200 mm)	†4" M	20"-50" (510-1270 mm)	**10 psi (0,7 bar)	23 ft. (7 M)	22 psi (1,5 bar)	150 lbs (68 kg)	68" (1730 mm)	20" (485 mm)	1/2"	5/8" (3)
*316488	24" - 48" (600-1200 mm)	†6" M	20"-50" (510-1270 mm)	**10 psi (0,7 bar)	23 ft. (7 M)	22 psi (1,5 bar)	153 lbs (69.5 kg)	68" (1730 mm)	20" (485 mm)	1/2"	5/8" (3)
*316408	30" - 60" (700-1500 mm)	†4" M	26.5"-60.5" (700-1537 mm)	**10 psi (0,7 bar)	23 ft. (7 M)	22 psi (1,5 bar)	210 lbs (95.4 kg)	102" (2590 mm)	26" (661 mm)	1/2" (2)	5/8" (3)
*414608	40" - 60" (1000-1500 mm)	†4" M	38"-60" (965-1537 mm)	**8.7 psi (0,62 bar)	20 ft. (6.1 M)	25 psi (1,7 bar)	350 lbs (159 kg)	73" (1855 mm)	37.25" (946 mm)	1/4" & 1/2"	1/2" (4)
*314728	48" - 72" (1200-1800 mm)	†4" M	44"-72.25" (1118-1835 mm)	6 psi (0,41 bar)	14 ft. (4.3 M)	12 psi (0,83 bar)	310 lbs (141 kg)	100" (2540 mm)	43" (1092 mm)	1/2" (2)	5/8" (3)
*314968	54" - 96" (1400-2400 mm)	†4" M	54"-96.25" (1400-2450 mm)	6 psi (0,41 bar)	14 ft. (4.3 M)	11 psi (0,75 bar)	500 lbs (228 kg)	128" (3200 mm)	50" (1270 mm)	1/2" (2)	5/8" (3)

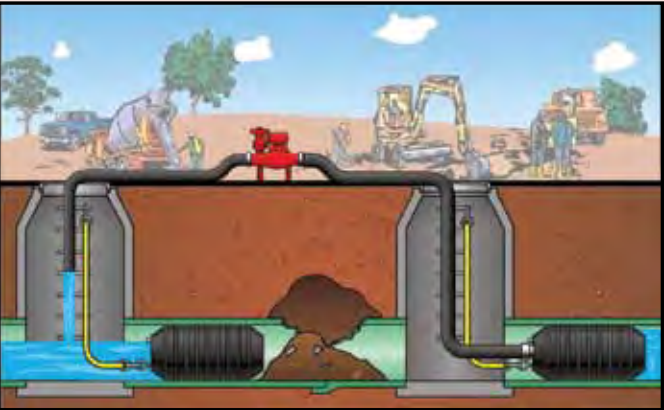
*Rupture Disc | †Flexible Bypass |
**See chart on page 2 for back pressure ratings by diameter



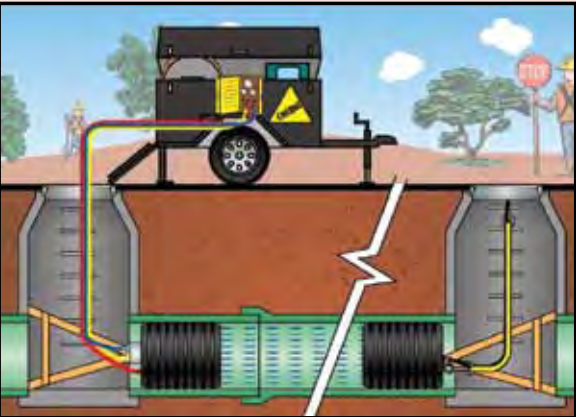
Pressure Charts For Multi-Size Plugs By Pipe Diameter

Rupture Disc

Bypass Pumping



Sewer Air Test



Air Pressure Ratings

Plug Size	PIPE DIAMETER									
	15"	18"	21"	24"	30"	36"	42"	48"	54"	60"
15"-30"	17 psi (1,2 bar)	13 psi (0,9 bar)	13 psi (0,9 bar)	11 psi (0,76 bar)	11 psi (0,76 bar)					
24"-42"				15 psi (1,0 bar)	13 psi (0,9 bar)	11 psi (0,76 bar)	9 psi (0,62 bar)			
24"-48"				15 psi (1,0 bar)	13 psi (0,9 bar)	12 psi (0,83 bar)	11 psi (0,76 bar)	10 psi (0,7 bar)		
30"-60"					15 psi (1,0 bar)	15 psi (1,0 bar)	15 psi (1,0 bar)	13 psi (0,9 bar)	12 psi (0,83 bar)	10 psi (0,7 bar)
40"-60"							15 psi (1,0 bar)	13 psi (0,9 bar)	11 psi (0,76 bar)	8,7 psi (0,6 bar)

Head Pressure Ratings

Plug Size	PIPE DIAMETER									
	15"	18"	21"	24"	30"	36"	42"	48"	54"	60"
15"-30"	40 ft. (12 M)	30 ft. (9.1 M)	30 ft. (9.1 M)	25 ft. (7.6 M)	25 ft. (7.6 M)					
24"-42"				35 ft. (11 M)	30 ft. (9.1 M)	25 ft. (7.6 M)	20 ft. (6.1 M)			
24"- 48"				35 ft. (11 M)	30 ft. (9.1 M)	28 ft. (8.4 M)	25 ft. (7.6 M)	23 ft. (7 M)		
30"-60"					35 ft. (11 M)	35 ft. (11 M)	35 ft. (11 M)	30 ft. (9.1 M)	28 ft. (8.4 M)	23 ft. (7 M)
40"-60"							35 ft. (11 M)	30 ft. (9.1 M)	25 ft. (7.6 M)	20 ft. (6.1 M)

Rupture Disc Features:

Increases Plug Life

- Disc ruptures at 60% over required inflation pressure
 - Helps prevent "non-visible" damage to cording
 - Rupture disc won't burst until well over stated inflation pressure
 - No more catastrophic plug failures due to faulty gauges
 - Discs can be replaced in field

Improves User Safety

- Reduces the possibility of plug explosion due to over-inflation

Superior components/design

- Aluminum housing - will not rust
- Graphite rupture disc
 - Leak-free design
 - Precision calibrated

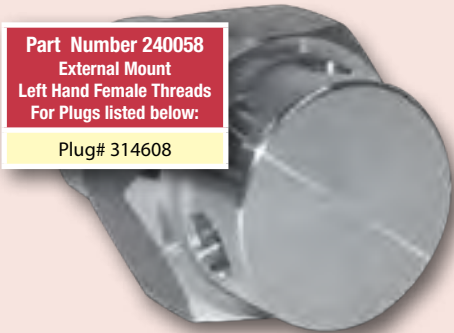
Rupture disc now field repairable!



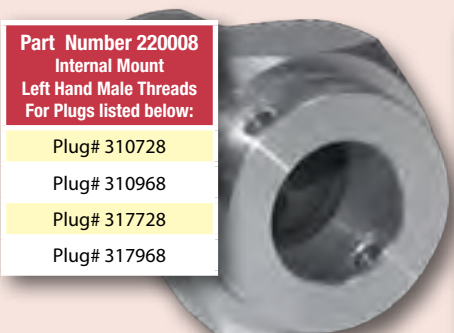
Part Number 220018
External Mount
Left Hand Female Threads
For Plugs listed below:
Plug# 314728
Plug# 314968



Part Number 240058
External Mount
Left Hand Female Threads
For Plugs listed below:
Plug# 314608



Part Number 220008
Internal Mount
Left Hand Male Threads
For Plugs listed below:
Plug# 310728
Plug# 310968
Plug# 317728
Plug# 317968



Part Number 240008
Internal Mount
Left Hand Male Threads
For Plugs listed below:
Plug# 310488
Plug# 310608
Plug# 317488
Plug# 317608
Plug# 410308
Plug# 410428
Plug# 410608
Plug# 417308
Plug# 417428
Plug# 417608



Part Number 240068
External Mount
Left Hand Male Threads
For Plugs listed below:
Plug# 314488
Plug# 316488
Plug# 412308
Plug# 414308
Plug# 414428
Plug# 414608

