



Test-Ball®

Cherne Test-Ball®

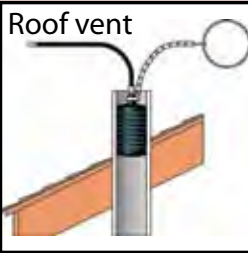
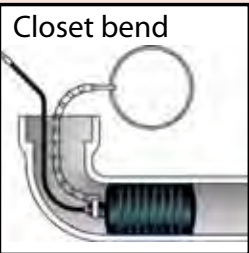
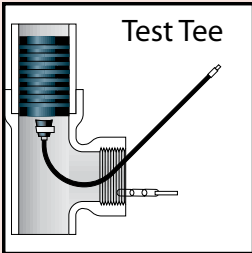
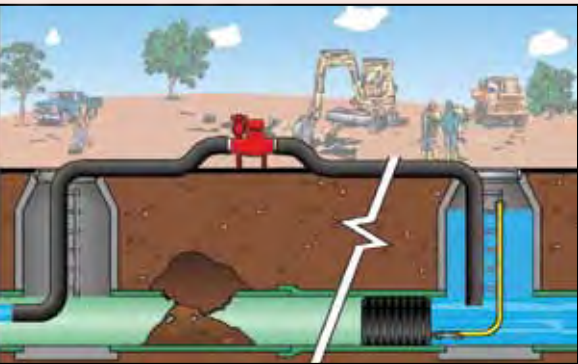
The Cherne Test-Ball has been the contractor's choice for over 50 years and continues to be the most trusted pneumatic test ball in the industry. Designed for applications from pressure testing and blocking of residential DWV systems to repair maintenance and installation of municipal infrastructure including storm and sanitary sewer piping systems, the Cherne Test-Ball does it all. Cherne Test-Balls are durable, rugged and effective in any type of pipe.

- Multi-size: More options, less inventory
- Larger plugs now feature field repairable rupture disc technology
- Large plugs feature a removable valve allowing them to be repaired or replaced with quick disconnect fittings
- All Test-Balls are bendable to 90°

Test-Balls 15-30" size and larger now include our Rupture Disc Technology. This feature prevents over-inflation of the pneumatic plug. Rupture Disc Technology also prevents damage to cording. Damaged cording is an unseen condition that compromises plug performance and safety.



Bypass Pumping Application



Rupture disc now field repairable!

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



Test-Ball®

Part Number	Nominal Size	Range of Use	Maximum Back Pressure		Inflation Pressure	Product Weight	Deflated Length	Deflated Diameter	Inflation Thread	Chain / Eye bolts
270008	.75" - 1.25" (20-30 mm)	.75"-1.30" (20-33 mm)	17 psi (1,2 bar)	40 ft. (12 M)	45 psi (3,1 bar)	3.5 oz (0.1 kg)	3.75" (95 mm)	0.73" (18.5 mm)	Molded in Valve	Removable Chain
270016	1.25" - 1.5" (30-40 mm)	1.17"-1.75" (30-44 mm)	13 psi (0,9 bar)	30 ft. (9.1 M)	40 psi (2,8 bar)	3.5 oz (0.1 kg)	5.5" (141 mm)	1.1" (33 mm)	Molded in Valve	Removable Chain
276128	1.25" - 2" (32-50 mm)	1.25"-2.10" (32-53 mm)	17 psi (1,2 bar)	40 ft. (12 M)	40 psi (2,8 bar)	3.7 oz (0.11 kg)	5.56" (141 mm)	1.21" (31 mm)	Molded in Valve	Removable Chain
270024	2" (50 mm)	1.9"-2.25" (48-57 mm)	13 psi (0,9 bar)	30 ft. (9.1 M)	40 psi (2,8 bar)	3.5 oz (0.1 kg)	2.84" (72 mm)	1.77" (45 mm)	Molded in Valve	Removable Chain
276238	2" - 3" (50-75 mm)	1.9"-3.1" (48-80 mm)	17 psi (1,2 bar)	40 ft. (12 M)	35 psi (2,4 bar)	4.7 oz (0.13 kg)	5.57" (141 mm)	1.78" (45 mm)	Molded in Valve	Removable Chain
270108	2.5" (65 mm)	2.34"-2.75" (48-70 mm)	13 psi (0,9 bar)	30 ft. (9.1 M)	35 psi (2,4 bar)	6.5 oz (0.2 kg)	4.5" (114 mm)	2.3" (59 mm)	Molded in Valve	Removable Chain
270032	3" (75 mm)	2.77"-3.25" (70-83 mm)	13 psi (0,9 bar)	30 ft. (9.1 M)	35 psi (2,4 bar)	6.5 oz (0.2 kg)	5.25" (132 mm)	2.64" (67 mm)	Molded in Valve	Removable Chain
276348	3" - 4" (75-100 mm)	2.8"-4.25" (70-108 mm)	17 psi (1,2 bar)	40 (12 M)	40 psi (2,8 bar)	7.8 oz (0.22 kg)	5.18" (132 mm)	2.64" (67 mm)	Molded in Valve	Removable Chain
270040	4" (100 mm)	3.41"-4.25" (87-108 mm)	13 psi (0,9 bar)	30 (9.1 M)	30 psi (2,1 bar)	9 oz (0.25 kg)	6.5" (163 mm)	3.25" (83 mm)	Molded in Valve	Removable Chain
275048	4" - 6" (100-150 mm)	3.75"-6.25" (92-159 mm)	17 psi (1,2 bar)	40 ft. (12 M)	30 psi (2,1 bar)	2 lbs (0.91 kg)	9.8" (250 mm)	3.5" (85 mm)	1/8" (1)	1/4" (1)
276468	4" - 6" (100-150 mm)	3.4"-6.25" (87-155 mm)	17 psi (1,2 bar)	40 ft. (12 M)	30 psi (2,1 bar)	1.4 lbs (0.62 kg)	9.47" (241 mm)	3.28" (83 mm)	Molded in Valve	Removable Chain
395088	4" - 8" (100-200 mm)	3.6"-8.25" (92-210 mm)	13 psi (0,9 bar)	30 ft. (9.1 M)	30 psi (2,1 bar)	2.5 lbs (1.13 kg)	20.6" (469 mm)	3.5" (70 mm)	1/4" (1)	3/8" (1)
270059	5" (125 mm)	4.6"-5.25" (117-133 mm)	13 psi (0,9 bar)	30 ft. (9.1 M)	30 psi (2,1 bar)	1.3 lbs (0.6 kg)	7.75" (200 mm)	4.5" (114 mm)	Molded in Valve	Removable Chain
270067	6" (150 mm)	5.44"-6.25" (138-159 mm)	13 psi (0,9 bar)	30 ft. (9.1 M)	30 psi (2,1 bar)	1.9 lbs (0.85 kg)	9.00" (230 mm)	5.25" (135 mm)	Molded in Valve	Removable Chain
275058	6" - 8" (150-200 mm)	5.25"-8.25" (135-210 mm)	17 psi (1,2 bar)	40 ft. (12 M)	30 psi (2,1 bar)	3.5 lbs (1.6 kg)	14" (356 mm)	5" (127 mm)	1/4" (1)	1/4" (1)
395128	6" - 12" (150-300 mm)	5.5"-12.25" (140-310 mm)	13 psi (0,9 bar)	30 ft. (9.1 M)	30 psi (2,1 bar)	5.3 lbs (2.4 kg)	26.25" (667 mm)	5.25" (133 mm)	1/4" (1)	3/8" (1)
041386	8" (200 mm)	7"-8.25" (178-210 mm)	17 psi (1,2 bar)	40 ft. (12 M)	25 psi (1,7 bar)	3.4 lbs (1.6 kg)	10.25" (257 mm)	6.75" (172 mm)	1/4" (1)	3/16" (1)
275088	8" - 12" (200-300 mm)	7"-12.25" (178-311 mm)	11 psi (0,75 bar)	25 ft. (8 M)	20 psi (1,4 bar)	6.63 lbs (3 kg)	16" (406 mm)	6.75" (171 mm)	1/4" (1)	3/8" (1)
395168	8" - 16" (200-400 mm)	7.5"-16.25" (186-413 mm)	13 psi (0,9 bar)	30 ft. (9.1 M)	30 psi (2,1 bar)	14.5 lbs (6.5 kg)	29.5" (750 mm)	7.25" (184 mm)	1/4" (1)	3/8" (1)
385168	8" - 16" Short (200-400 mm)	7.5"-16.25" (186-413 mm)	7.5 psi (0,5 bar)	16.75 ft. (5.1 M)	30 psi (2,1 bar)	11 lbs (5 kg)	23" (585 mm)	7.25" (184 mm)	1/4" (1)	3/8" (1)
041394	10" (250 mm)	9"-10.25" (229-260 mm)	17 psi (1,2 bar)	40 ft. (12 M)	25 psi (1,7 bar)	5.6 lbs (2.5 kg)	11.75" (298 mm)	8.75" (221 mm)	1/4" (1)	3/16" (1)
041408	12" (300 mm)	10.5"-12.25" (267-311 mm)	17 psi (1,2 bar)	40 ft. (12 M)	25 psi (1,7 bar)	10.9 lbs (5 kg)	13.75" (351 mm)	10.25" (262 mm)	1/4" (1)	3/16" (1)
275128	12" - 18" (300-450 mm)	10.75"-18.25" (273-464 mm)	11 psi (0,75 bar)	25 ft. (8 M)	25 psi (1,7 bar)	22.4 lbs (10.2 kg)	24" (610 mm)	10.5" (267 mm)	1/4" (1)	3/8" (1)
395248	12" - 24" (300-600 mm)	11"-24.25" (279-616 mm)	13 psi (0,9 bar)	30 ft. (9.1 M)	30 psi (2,1 bar)	28 lbs (12.7 kg)	39.5" (1003 mm)	10.75" (273 mm)	1/4" (1)	3/8" (1)
385248	12" - 24" Short (300-600 mm)	11"-24.25" (279-616 mm)	7.5 psi (0,5 bar)	16.75 ft. (5.1 M)	30 psi (2,1 bar)	24 lbs (11 kg)	33" (839 mm)	10.75" (273 mm)	1/4" (1)	3/8" (2)
*410308	15" - 30" (375-750 mm)	14.5"-30.5" (368-775 mm)	**11 psi (0,76 bar)	25 ft. (7.6 M)	25 psi (1,7 bar)	45 lbs (21 kg)	51" (1289 mm)	14" (356 mm)	1/4" & 1/2"	3/8" (2)
*310408	20"-40" (500-1000 mm)	19"-40" (475-1000 mm)	8.7 psi (0,6 bar)	20 ft. (6.1 M)	22 psi (1,5 bar)	66 lbs (30 kg)	46.25" (1175mm)	18.5" (470 mm)	1/4" & 1/2"	1/2" (2)
*410428	24" - 42" (600-1050 mm)	22.5"-42.5" (570-1080 mm)	**9 psi (0,62 bar)	20 ft. (6.1 M)	25 psi (1,7 bar)	100 lbs (46 kg)	52" (1320 mm)	22" (560 mm)	1/4" & 1/2"	1/2" (2)
*310488	24" - 48" (600-1200 mm)	20.5"-50" (521-1270 mm)	**10 psi (0,7 bar)	23 ft. (7 M)	22 psi (2,5 bar)	125 lbs (57 kg)	68" (1730 mm)	19.1" (485 mm)	1/4" & 1/2"	3/4" (2)
*310608	30" - 60" (700-1500 mm)	26.5"-60.5" (675-1537 mm)	**10 psi (0,7 bar)	23 ft. (7 M)	22 psi (2,5 bar)	210 lbs (95.4 kg)	102" (2591 mm)	26" (661 mm)	1/2" (2)	5/8" (3)
*410608	40" - 60" (1000-1500 mm)	38"-60.5" (965-1537 mm)	**8.7 psi (0,6 bar)	20 ft. (6.1 M)	25 psi (1,7 bar)	235 lbs (106 kg)	73" (1855 mm)	37.25" (946 mm)	1/4" & 1/2"	1/2" (2)
*310728	48" - 72" (1200-1800 mm)	44"-72.25" (1118-1835 mm)	6 psi (0,41 bar)	14 ft. (4.3 M)	12 psi (0,83 bar)	290 lbs (132 kg)	100" (2540 mm)	43" (1092 mm)	1/2" (2)	5/8" (3)
*310968	54" - 96" (1400-2400 mm)	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

**See chart for full pressure range on pagF

Always block plugs when conducting air tests.



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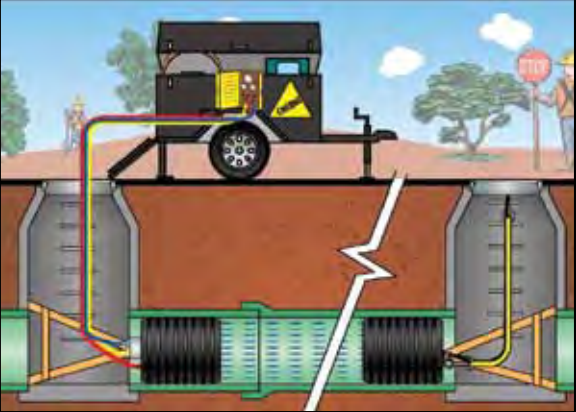
Pressure Charts For Multi-Size Plugs By Pipe Diameter

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

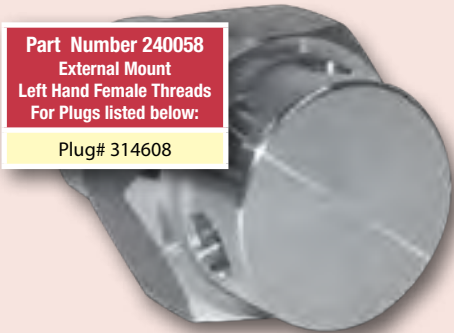
Rupture disc now field repairable!



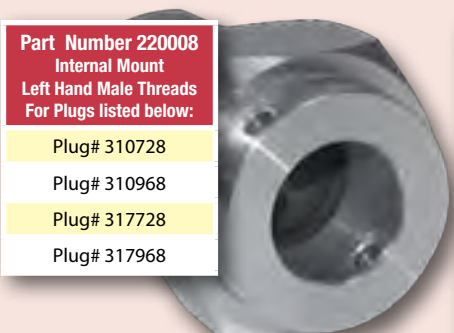
Part Number 220018
External Mount
Left Hand Female Threads
For Plugs listed below:
Plug# 314728
Plug# 314968



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

