

Air-Loc® & I-Series Leak Locator Plugs



Air-Loc leak locator plugs are designed for both line acceptance tests as well as leak location testing. Air-Loc front plugs can also be used as blocking plugs by simply plugging the fill and read-back ports.

Features:

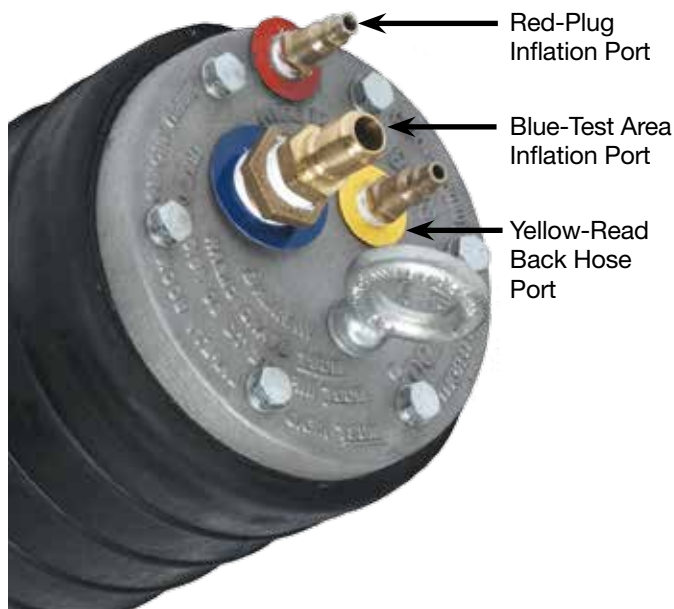
- Eyebolts on both ends for interconnecting plugs
- Easy to use quick-disconnect hose connections
- Rupture discs on sizes 15-32" and larger to safeguard plug against over-inflation
- Aramid cording on sizes 15-32" and larger

"Front" Air-Loc Leak Locator Plugs also come equipped with:

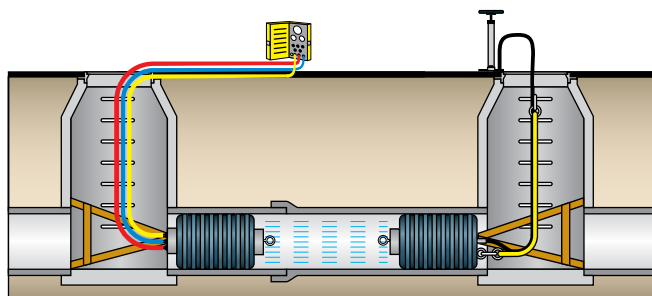
- Color coded inflation ports
- Removable air fittings
- Flexible internal hoses



Front Plug



Line Acceptance Test



Air-Loc Pressure Testing Panel

Ideal for line acceptance testing and leak location testing.
See page 44



Triple Hose

Connect Air-Loc plug to the control panel.
See page 45



Always block plugs when conducting air tests.

Air-Loc® & I-Series Leak Locator Plugs

Front Plugs

Part Number	Nominal Size	Usage Range	Maximum Back Pressure	Inflation Pressure	Product Weight	Deflated Length	Deflated Diameter	Inflation Thread	Chain / Eye bolts
Original Front Plugs									
267068	6" - 10" (150-250 mm)	5.5"-10.5" (140-260 mm)	**	30 psi (2,1 bar)	8 lbs (3.5 kg)	23.5" (593 mm)	5.25" (133 mm)	1/4" (1)	7/16" (2)
267088	8" - 12" (200-300 mm)	7"-12.3" (178-312 mm)	**	30 psi (2,1 bar)	15 lbs (6.8 kg)	26.25" (667 mm)	6.75" (171 mm)	1/4" (1)	7/16" (2)
267128	12" - 18" (300-450 mm)	10.75"-18.5" (273-478 mm)	**	25 psi (1,7 bar)	27 lbs (12.2 kg)	31.5" (800 mm)	10.25" (260 MM)	1/4" (1)	7/16" (2)
I-Series Front Plugs									
*317328	15" - 32" (380 - 800 mm)	15" - 32" (380 - 800 mm)	**	25 psi (1,72 bar)	73 lbs (33.2 kg)	48" (1220 mm)	14.5" (370 mm)	1/4" & 1/2"	3/4" (2)
*317408	20" - 40" (500-1000 mm)	19"-40" (475-1000 mm)	**	22 psi (1,5 bar)	95 lbs (43 kg)	46.25" (1175 mm)	18.5" (470 mm)	1/4" & 1/2"	3/4" (2)
*317488	24" - 48" (600-1200 mm)	20.5"-50" (521-1270 mm)	**	22 psi (1,5 bar)	125 lbs (57 kg)	74.5" (1892 mm)	20" (508 mm)	1/4" & 1/2"	3/4" (2)
*317600	24" - 60" (600-1525 mm)	20.5"-60.5" (520-1537 mm)	**	22 psi (1,5 bar)	148 lbs (69.5 kg)	88" (2235 mm)	20" (500 mm)	1/4" & 1/2"	3/4" (2)
*317728	48" - 72" (1200-1800 mm)	44"-72.25" (1118-1835 mm)	**	12 psi (0,83 bar)	290 lbs (132 kg)	100" (2540 mm)	43" (1092 mm)	1/2" (2)	3/4" (3)
*317968	54" - 96" (1400-2400 mm)	54"-96.25" (1400-2450 mm)	**	11 psi (0,75 bar)	500 lbs (228 kg)	128" (3200 mm)	50" (1270 mm)	1/2" (2)	3/4" (3)

Back Plugs

Part Number	Nominal Size	Usage Range	Maximum Back Pressure	Inflation Pressure	Product Weight	Deflated Length	Deflated Diameter	Inflation Thread	Chain / Eye bolts
275078	6" - 10" (150-250 mm)	5.5"-10.5" (140-2650 mm)	**	30 psi (2,1 bar)	5.84 lbs (2.5 kg)	23.5" (593 mm)	5.25" (133 mm)	1/4" (1)	3/8" (2)
275108	8" - 12" (200-300 mm)	7"-12.5" (178-312 mm)	**	30 psi (2,1 bar)	9.3 lbs (4.2 kg)	26.25" (667 mm)	6.75" (171 mm)	1/4" (1)	3/8" (2)
275138	12" - 18" (300-450 mm)	10.75"-18.5" (273-478 mm)	**	25 psi (1,7 bar)	23 lbs (10.3 kg)	31.5" (800 mm)	10.25" (260 MM)	1/4" (1)	3/8" (2)

*Rupture Disc ** Consult back pressure table below.

BACK PRESSURE DATA: I-Series Plugs

PLUG SIZE	PIPE DIAMETER																		
	4"	6"	8"	12"	15"	18"	19.35"	21"	24"	30"	36"	42"	48"	54"	60"	66"	72"	84"	96"
4"-8"	16.7 psi	14.4 psi	13.0 psi																
6"-12"		23.6 psi	20.9 psi	18.2 psi	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8"-16"		-	18.2 psi	14.8 psi	13.4 psi	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12"-24"		-	-	18.7 psi	16.8 psi	15.2 psi	12.4 psi	14.0 psi	13.0 psi	-	-	-	-	-	-	-	-	-	-
15"-32"		-	-	-	18.6 psi	17.6 psi	17.2 psi	16.6 psi	15.4 psi	12.2 psi	-	-	-	-	-	-	-	-	-
20"-40"		-	-	-	-	-	-	13.6 psi	12.5 psi	11.2 psi	10.2 psi	8.7 psi	-	-	-	-	-	-	-
24"-48"		-	-	-	-	-	-	-	15.2 psi	13.9 psi	12.8 psi	11.4 psi	10.1 psi	-	-	-	-	-	-
24"-60"		-	-	-	-	-	-	-	15.6 psi	15.2 psi	14.8 psi	14.0 psi	12.6 psi	9.6 psi	6.0 psi	-	-	-	-
40"-60"		-	-	-	-	-	-	-	-	-	-	15.0 psi	13.0 psi	11.0 psi	8.7 psi	-	-	-	-
48"-72"		-	-	-	-	-	-	-	-	-	-	-	7.2 psi	6.8 psi	6.4 psi	6.2 psi	6.0 psi	-	-
54"-96"		-	-	-	-	-	-	-	-	-	-	-	-	7.3 psi	7.2 psi	6.9 psi	6.8 psi	6.6 psi	6.4 psi

Consult page 66 for back pressure conversion to feet of head pressure.