

GripTight® PE Test Plug

Pressure Test Polythene Pipe In Minutes – Not Hours

It's fast and easy, when you use EST Group's, unique GripTight PE Test Plugs. Just slip it in the open end of a section of pipe – or in the ends of a reel – and hand tighten. You're ready to test up to 150% of maximum operating pressure. What's more, the plug uses test pressure to energize and engage the seal and gripper, providing a safe, secure, leak-tight seal.

Compare this with using end caps or "test heads": the pipe ends have to be squared and rounded, the test head fused to the end, and the joint has to be allowed to cool before testing can begin. All this takes place while your valuable crew stands around, waiting to go to work.

Use the GripTight PE Plug to test pipe on reels, in open trenches on installed and joined pipe sections. Or use it as a nightcap to keep open pipe ends sealed and clean overnight or during work intervals. You can also use it to maintain positive pressure on sections after they've been installed.

The bottom line is this: GripTight PE Test Plugs speed up installation while reducing downtime and crew costs. The result: you install pipe faster, and that makes a difference to your bottom line.

- **Lightweight yet rugged:** Aluminum/steel construction.
- Fast and easy to install; no special equipment required.
- Available in 2", 3", 4", 6", and 8" sizes.
- Wide size ranges; plug sizes available to cover SDRs from 9 to 17. Other sizes available. Consult EST Group Customer Service for assistance.



EST Group serves the power generation, refining, chemical, pharmaceutical and offshore industries worldwide. QA Program certified to ISO-9001.

Can be supplied under ANSI N45.2, NQA-1, 49CFR192.513 and 10CFR50 Appendix B

Pipe Size		GTPE Test Pressure ³ Rating @ 73°F			EST Part Number
OD In.	DN	PE2406 Yellow Pipe	PE3408 Black Pipe	PE4710 Black Pipe	
GripTight PE SDR 9-9.33³					
2"	DN50	240 psig	300 psig	375 psig	GT2-SDR9-933
3"	DN80				GT3-SDR9-933
4"	DN100				GT4-SDR9-933
6"	DN150				GT6-SDR9-933
8"	DN200				GT8-SDR9-933
GripTight PE SDR 11-11.5					
2"	DN50	185 psig	240 psig	300 psig	GT2-SDR11-115
3"	DN80				GT3-SDR11-115
4"	DN100				GT4-SDR11-115
6"	DN150				GT6-SDR11-115
8"	DN200				GT8-SDR11-115
GripTight PE SDR 13.5					
2"	DN50	150 psig	195 psig	240 psig	GT2-SDR135
3"	DN80				GT3-SDR135
4"	DN100				GT4-SDR135
6"	DN150				GT6-SDR135
8"	DN200				GT8-SDR135
GripTight PE SDR 15.5 (Safety Gag is included with plug)¹					
2"	DN50	135 psig	165 psig	207 psig	GT2-SDR155
3"	DN80				GT3-SDR155
4"	DN100				GT4-SDR155
6"	DN150				GT6-SDR155
8"	DN200				GT8-SDR155
GripTight PE SDR 17 (Integral Collar is included with plug)²					
2"	DN50	120 psig	150 psig	190 psig	GT2-SDR17
3"	DN80				GT3-SDR17
4"	DN100				GT4-SDR17
6"	DN150				GT6-SDR17
8"	DN200				GT8-SDR17



Shown with Optional Lightweight PE Safety Gag



Shown with Optional Safety Gag

Safety Gag Size Chart

Pipe Size		Pipe OD	Part Number	
In.	DN		Safety Gag	Lightweight PE Safety Gag
2"	DN50	2 3/8" (60.3 mm)	PEGAG-2	PEGAG-0203
3"	DN80	3 1/2" (88.9 mm)	PEGAG-3	PEGAG-0303
4"	DN100	4 1/2" (114.3 mm)	PEGAG-4	PEGAG-0403
6"	DN150	6 5/8" (168.2 mm)	PEGAG-6	PEGAG-0603
8"	DN200	8 5/8" (219 mm)	PEGAG-8	PEGAG-0803

Optional safety gags offer an added measure of safety by providing a secondary restraint of the plug. Other plug sizes available. Consult EST Group Customer Service for assistance.

GripTight PE Test Plugs will perform in all grades of polyethylene pipe: LDPE, MDPE, & HDPE. Working pressure will vary by plug size, SDR, and material grade.

Please contact EST Group Customer Service for ratings confirmation in your application.

Notes:

1. Plug MUST be used with included gag to be operated at rated pressure.
2. Plug MUST be operated with integral collar to achieve rated pressure.
3. Test Pressures beyond those listed require Integral collar, contact EST Group for more information.

Typical PE Pipe Pressure Rating @ 73°F

SDR	PE2406		PE3408		PE4710	
	Gas	H ₂ O	Gas	H ₂ O	Gas	H ₂ O
9-9.33	100	150	125	200	160	240
11-11.5	100	125	100	160	125	190
13.5	64	100	82	128	102	160
15.5	55	86	71	110	88	138
17	50	78	64	100	80	125