

# GRIP TIGHT® ISOLATION PLUG



Isolation and Test Plug

## Double Block & Bleed Isolation and Testing with GripTight Safety



The GripTight Isolation Plug revolutionizes isolation and testing of pipe connections by providing unique safety features. The GripTight Isolation Plug allows an operator to positively isolate and monitor potentially explosive vapors during “hot work”, then effectively hydrotest the new weld connection with one easy to use tool. The GripTight Isolation Plug integrates a Double Block and Bleed Test Plug with GripTight Grippers. The GripTight Grippers enhance operational safety, minimizing the risk of accidental plug blowout/expulsion due to unexpected upstream pressure in the line. The GripTight Isolation Plug is capable of withstanding upstream pressures up to 1,500 PsiG (103 BarG). As the upstream pressure increases, the GripTight Grippers actually use the pressure to grip and seal more securely against the pipe’s inner diameter. The greater the pressure, the greater the grip!

**Aluminum/Steel Construction - reduces weight**

**1.5 : 1 Safety Factor**

**Reduces NDE**

**Uses less than a gallon of water, reducing waste and treatment expense**

**Test pressures to 2,250 PsiG (155 BarG)**

**Upstream pressure up to 1,500 PsiG (103 BarG)**

**Monitor isolation zone and upstream pressure**

**Sizes 3/4” (DN20) to 24”(DN600) NPS, larger sizes available on request**

EST Group serves the power generation, refining, chemical, pharmaceutical and offshore industries worldwide.

QA Program certified to ISO-9001.

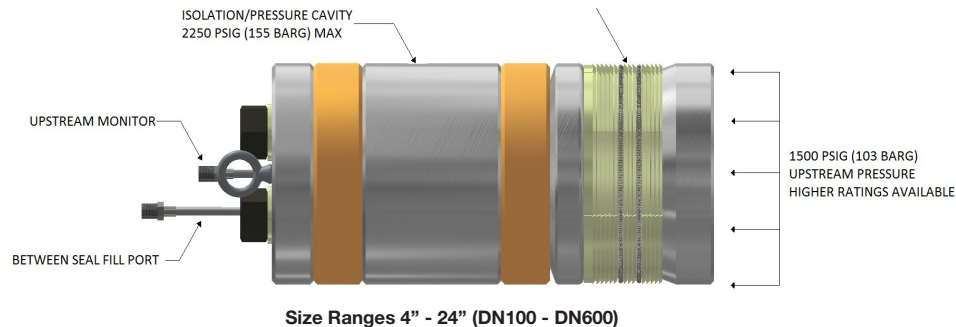
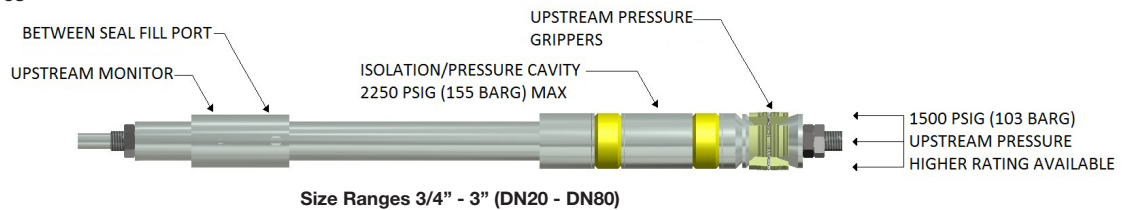
Can be supplied under ANSI N45.2, NQA-1, and 10CFR50 Appendix B

NOM PIPE SIZE INCHES (DN)	PART NUMBER	SCHEDULE	NOMINAL PIPE ID INCHES (MM)	PLUG OD	PLUG LENGTH INCHES (MM)	SHIPPING WEIGHT LBS. (KG)
3/4 (DN20)	GTDBB-075P80 GTDBB-075P40	80 40	0.74 (18.8) 0.82 (20.8)	0.65 (16.5) 0.72 (18.3)	22 5/8 (575)	3.0 (1.4) 3.2 (1.5)
1 (DN25)	GTDBB-1P80 GTDBB-1P40	80 40	0.96 (24.4) 1.05 (26.7)	0.84 (21.3) 0.93 (23.6)	22 5/8 (574.6)	4.0 (1.8) 4.4 (2.0)
1 1/4 (DN32)	GTDBB-125P80 GTDBB-125P40	80 40	1.28 (32.5) 1.38 (35.1)	1.13 (28.7) 1.23 (31.2)	23 7/8 (606)	7.0 (3.2) 7.6 (3.4)
1 1/2 (DN40)	GTDBB-15P80 GTDBB-15P40	80 40	1.50 (38.1) 1.61 (40.9)	1.35 (34.3) 1.46 (37.1)	26 3/4 (680)	5.0 (2.3) 5.0 (2.3)
2 (DN50)	GTDBB-2P80 GTDBB-2P40	80 40	1.94 (49.3) 2.07 (52.6)	1.76 (44.7) 1.89 (48.0)	28 1/2 (724)	8.0 (3.6) 8.0 (3.6)
2 1/2 (DN65)	GTDBB-25P80 GTDBB-25P40	80 40	2.32 (58.9) 2.47 (62.7)	2.13 (54.1) 2.29 (58.2)	29 1/4 (743)	11.0 (5.0) 12.0 (5.4)
3 (DN80)	GTDBB-3P80 GTDBB-3P40	80 40	2.90 (73.7) 3.07 (78.0)	2.69 (68.3) 2.86 (72.6)	34 1/4 (870)	20.0 (9.1) 20.0 (9.1)
4 (DN100)	GTDBB-4P80 GTDBB-4P40	80 40	3.83 (97.9) 4.03 (102.4)	3.63 (92.2) 3.83 (97.3)	9 (229)	15.0 (6.8) 16.0 (7.3)
6 (DN150)	GTDBB-6P80 GTDBB-6P40	80 40	5.76 (146.3) 6.07 (154.2)	5.56 (141.2) 5.87 (149.1)	12 1/2 (318)	40.0 (18.1) 42.0 (19.1)
8 (DN200)	GTDBB-8P80 GTDBB-8P40	80 40	7.63 (193.8) 7.98 (202.7)	7.38 (187.5) 7.73 (196.3)	15 3/4 (400)	66.0 (29.9) 70.0 (31.8)
10 (DN250)	GTDBB-10P80 GTDBB-10P40	80 40	9.56 (242.8) 10.02 (254.5)	9.31 (236.5) 9.77 (248.2)	16 1/8 (410)	110 (50) 115 (52)
12 (DN300)	GTDBB-12P80 GTDBB-12P40	80 40	11.38 (289.1) 11.94 (303.3)	11.0 (279.4) 11.62 (295.1)	17 (432)	160 (73) 165 (75)
14 (DN350)	GTDBB-14P80 GTDBB-14STD	80 STD	12.50 (317.5) 13.25 (336.6)	12.12 (307.8) 12.87 (326.9)	19 1/8 (486)	230 (104) 238 (108)
16 (DN400)	GTDBB-16P80 GTDBB-16STD	80 STD	14.31 (363.5) 15.25 (387.4)	13.93 (353.8) 14.87 (377.7)	19 5/8 (498)	310 (141) 325 (147)
18 (DN450)	GTDBB-18P80 GTDBB-18STD	80 STD	16.12 (409.4) 17.25 (438.2)	15.74 (399.8) 16.87 (428.5)	20 1/8 (511)	410 (186) 430 (195)
20 (DN500)	GTDBB-20P80 GTDBB-20STD	80 STD	17.94 (455.7) 19.25 (489.0)	17.56 (446.0) 18.87 (479.3)	21 3/8 (543)	520 (236) 546 (248)
24 (DN600)	GTDBB-24P80 GTDBB-24STD	80 STD	21.56 (547.6) 23.25 (590.6)	21.18 (538.0) 22.87 (580.9)	22 7/8 (581)	860 (390) 900 (408)

Dimensional information shown above for reference only. Additional sizes available upon request. Specifications subject to change without notice. Contact EST Group Customer Service for information.

When ordering, please specify the following information:

- Size information (O.D., I.D., and wall thickness)
- Test and isolation pressures
- Pipe materials
- Temperature



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