

Pressure Bottles (60psig @ room temp.)



These heavy wall bottles are unique in that Ace-Threds allow for easy closing of plugs, which are reusable. The plugs have O-rings for assurance of a tight seal by simply hand tightening. The bottles are offered in several lengths with #7, #15, #25, or #36 Ace-Threds. They can be custom fabricated in various lengths and diameters, if needed.

For pressure work, a "Front Seal" plug (5846) is recommended. "Back Seal" plugs (8545) are also available, if preferred. Bottles have a pressure rating of 60psig at room temperature.

Complete items include Glass Bottle and PTFE Plug with FETFE® O-Ring. Replacement O-rings and O-rings of different compositions are available.

Also available, as an option, for monitoring purposes, the bottles can be assembled with a stainless steel, 0-160psig pressure gauge using a 5844 Adapter in place of the 5845 or 5846 Plugs. Stainless steel extensions are offered to allow use of the tube in a furnace.

Length (below thread), cm	Body O.D., mm	Approx. Capacity, mL	Bottle only Order Code	Front Seal	Back Seal
				Complete Order Code	Complete Order Code
#7 Ace-Thred					
4.0 (1 ⁹ / ₁₆ "	25.4	8	8648-120	8648-230	—
4.0 (1 ⁹ / ₁₆ "	31.7	14	8648-124	8648-232	—
5.0 (2")	44.5	25	8648-126	8648-234	—
#25 Ace-Thred					
11.5 (4 ⁹ / ₁₆ "	57.2	175	8648-138	8648-245	8648-246
11.5 (4 ¹³ / ₁₆ "	75.0	325	8648-140	8648-247	8648-248
12.3 (4 ⁷ / ₈ "	38.1	75	8648-135	8648-249	8648-250
17.0 (6 ¹³ / ₁₆ "	114.3	950	8648-155	8648-251	8648-252
17.0 (6 ¹³ / ₁₆ "	152.4	1850	8648-157	8648-253	8648-254
#36 Ace-Thred					
11.5 (4 ¹³ / ₁₆ "	75.0	325	8648-191	8648-308	8648-309
17.0 (6 ¹³ / ₁₆ "	114.3	950	8648-192	8648-310	8648-311
17.0 (6 ¹³ / ₁₆ "	152.4	1850	8648-193	8648-312	8648-313

Replacement O-Rings and Plugs



FETFE® is an ACE Glass exclusive fluoroelastomer compound with TFE additives. It has good compression set, temperature and chemical compatibility.

Reference *O-Ring Chemical Compatibility* for additional information. <http://www.aceglass.com/literature.php>

*For more information on PTFE Plugs, see left.

	Front Seal	Back Seal
	Order Code	Order Code
#7 Ace-Thred		
O-Ring, FETFE	7855-707	7855-712
Plug, PTFE	5846-44	5845-43
#15 Ace-Thred		
O-Ring, FETFE	7855-716	7855-730
Plug, PTFE	5846-48	5845-47
#25 Ace-Thred		
O-Ring, FETFE	7855-734	7855-742
Plug, PTFE	5846-50	5845-49
#36 Ace-Thred		
O-Ring, FETFE	7855-772	7855-774
Plug, PTFE	5846-51	5845-50