

Pressure Tubes (150psig @ 120°C)



These heavy wall tubes 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 tubes 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. Tubes have a pressure rating of 150psig at 120°C.

Complete items include Glass Tube 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 tubes can be assembled with a stainless steel, 0-160psig pressure gauge (previous page) using a 5844 Adapter in place of the 5845 or 5846 Plugs. Stainless steel tube extensions are offered to allow use of the tube in a furnace.

Length, (below thread), cm	Body O.D., mm	Approx. Capacity, mL	Tube only Order Code	Front Seal	Back Seal
				Complete Order Code	Complete Order Code
#7 Ace-Thred					
10.2 (4")	8	1	8648-40	8648-10	—
10.2 (4")	13	4	8648-41	8648-12	—
10.2 (4")	19	9	8648-42	8648-17	—
17.8 (7")	8	2	8648-132	8648-21	—
17.8 (7")	13	8	8648-133	8648-25	—
17.8 (7")	19	18	8648-134	8648-34	—
20.3 (8")	8	2.5	8648-45	8648-36	—
20.3 (8")	13	9	8648-46	8648-38	—
20.3 (8")	19	21	8648-47	8648-43	—
30.5 (12")	8	3	8648-50	8648-48	—
30.5 (12")	13	15	8648-51	8648-53	—
30.5 (12")	19	27	8648-52	8648-55	—
#15 Ace-Thred					
10.2 (4")	25.4	15	8648-23	8648-04	8648-03
10.2 (4")	38.1	60	8648-24	8648-77	8648-98
17.8 (7")	25.4	35	8648-26	8648-07	8648-06
17.8 (7")	38.1	120	8648-27	8648-88	8648-89
20.3 (8")	25.4	38	8648-29	8648-09	8648-08
20.3 (8")	38.1	140	8648-30	8648-96	8648-97
30.5 (12")	25.4	60	8648-32	8648-102	8648-103
30.5 (12")	38.1	210	8648-33	8648-105	8648-106
#25 Ace-Thred					
10.2 (4")	38.1	60	8648-187	8648-136	8648-137
17.8 (7")	38.1	120	8648-162	8648-109	8648-110
20.3 (8")	38.1	140	8648-165	8648-113	8648-114
30.5 (12")	38.1	210	8648-166	8648-115	8648-116
#36 Ace-Thred					
10.2 (4")	50.0	90	8648-190	8648-117	8648-118
17.8 (7")	50.0	170	8648-194	8648-121	8648-122
20.3 (8")	50.0	200	8648-195	8648-123	8648-125
30.5 (12")	50.0	300	8648-196	8648-127	8648-128

PTFE PLUGS:

The plugs have O-rings for assurance of a tight seal, by simply hand tightening. They are offered in several sizes for #7, #15, #25, or #36 Ace-Thred joints. For pressure work, a “Front Seal” plug (5846) is recommended. “Back Seal” plugs (8545) are also available, if preferred.

Front Seal O-rings create a seal internally or below the vessel’s threads. Back Seal O-rings create the seal above the threads of the vessel.



5846

Front Seal



8545

Back Seal