

High-pressure-hose

FITCO® Hose - Easy Bend



We recommend PTFE when you want a high durability and the application demands high chemical resistance. The hose is designed with an corrugated inner tube from PTFE and an outer braid in stainless steel (for standard AISI 304) is used. We also produce high performance hoses with innertubes in other fluoroplastic materials such as PFA, ETFE and PVDF or with a covering from Hytrel®.

In addition to our standard range we produce according to customer demands regarding dimensions, length and braid construction. Regularly tests on Bending Radius (BR) and Burst Pressure (BP) are performed in order to control and maintain high quality. For gas applications we offer to wash the finished high performance hose before delivery. GREMCO recommend a working pressure related to burst-pressure according to SS-ISO7751 and can not guarantee its function in an application where a higher working- or test pressure has been used.

Bending radius and burst pressure are based on mathematical calculations only. GREMCO cannot be held responsible for the actual outcome in working environments at the end user.

Description	Nominal size	ID (mm)	ID Tol. (+/- mm)	OD (mm)	BP* (bar incl. braid)	BR (mm)	Wall (mm)	Wall Tol. (+/- mm)
FITCO®Hose-P-EB 600	6	6.0	0.3	10.6	520	18	0.7	0.12
FITCO®Hose-P-EB 800	8	7.5	0.4	14.0	480	19	0.7	0.12
FITCO®Hose-P-EB 950	10	9.7	0.4	16.4	440	20	0.7	0.12
FITCO®Hose-P-EB 1270	12	13.0	0.4	19.0	400	25	0.7	0.12
FITCO®Hose-P-EB 1600	16	15.5	0.5	22.6	280	50	0.8	0.12
FITCO®Hose-P-EB 1900	20	19.6	0.5	26.0	240	65	0.8	0.12
FITCO®Hose-P-EB 2500	25	24.4	0.5	33.7	260	90	1.0	0.15
FITCO®Hose-P-EB 3200	35	31.5	0.75	40.3	120	110	1.0	0.15

*Burst pressure measured at 20°C.