

High-pressure-hose

FITCO®Hose - General Purpose



We recommend PTFE when you want a high durability and the application demands high chemical resistance. The hose is designed with an straight inner tube from PTFE and an outer braid in stainless steel (for standard AISI 304 is used - 316L available upon request). We also produce high performance hoses with innertubes in other fluoroplastic materials such as PFA and ETFE 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. 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 cannot 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]
FITCO®Hose-P-GP 320	3	3.2	0.20	6.2	965	40	1.0
FITCO®Hose-P-GP 480	5	5.0	0.20	8.0	825	50	0.7
FITCO®Hose-P-GP 640	6	6.5	0.25	9.5	825	80	0.7
FITCO®Hose-P-GP 670	6	6.7	0.25	9.7	700	80	0.7
FITCO®Hose-P-GP 800	8	8.2	0.30	11.3	690	115	0.8
FITCO®Hose-P-GP 950	10	10.0	0.30	13.2	650	120	0.8
FITCO®Hose-P-GP 1270	12	13.4	0.35	16.6	480	150	0.8
FITCO®Hose-P-GP 1600	16	16.4	0.40	20.0	410	160	1.0
FITCO®Hose-P-GP 1900	20	19.6	0.40	23.2	275	165	1.0
FITCO®Hose-P-GP 2200	22	22.2	0.50	26.0	275	225	1.0
FITCO®Hose-P-GP 2500	25	26.0	0.50	30.0	275	250	1.2

*Burst pressure measured at 20°C.