

PTFE CONVOLUTED HOSE (FOOD GRADE)

tel : 012-3868942 / 016-2285297 email : sales@lwgi.com.my website: www.lwgi.com.my



LWG INDUSTRIAL SDN BHD
202301019617 (1513539-K)



Application

PTFE Convoluted Hose has an excellent temperature characteristics both in high and low temperature. Excellent chemical resistant, non contamination properties, low coefficient of friction and resists deterioration. Therefore the hose is used generally in applications where all or one of the above properties is main criteria in automotive, chemical, pharmaceutical & food processing, plastic & rubber molding machine. The hose core is made from FDA approved virgin 100% PTFE resin without any pigment or additive.

Core : Helically convoluted sintered tube of polytetrafluoroethylene (P.T.F.E)

Reinforcement: Single braid of 304/316 series of stainless steel wire

Temperature Range

Continuous : -54°C to +260°C

Technical Details

Dash Size	WT	Hose I.D. (Nom.)		Hose O.D (Nom)		Working Pressure		Min.Burst Pressure		Min. Bend Radius		Weight / meter (g)
		(In.)	(mm)	(In.)	(mm)	(psi)	(Bar)	(psi)	(Bar)	(mm)	(In.)	
-4	0.75	1/4	6.60	0.410	10.4	2,500	175	10,000	700	20	0.8	149
-4	0.75	5/16	8.18	0.490	12.4	2,300	160	9,200	640	20	0.8	170
-6	0.75	3/8	9.65	0.540	13.7	1,740	120	6,960	480	20	0.8	182
-8	0.75	1/2	12.83	0.725	18.4	1,595	110	6,380	440	25	1.0	289
-10	0.80	5/8	16.00	0.827	21.0	1,450	100	5,800	400	50	2.0	349
-12	0.90	3/4	19.18	1.020	25.9	1,160	80	4,640	320	65	2.6	494
-14	1.00	7/8	22.23	1.170	29.7	870	60	3,480	240	80	3.1	565
-16	1.00	1	25.53	1.331	33.8	800	55	3,200	220	90	3.6	677
-20	1.00	1.1/4	31.88	1.680	42.7	665	45	2,660	180	110	4.4	891
-24	1.00	1.1/2	38.23	1.890	48.0	510	35	2,040	140	150	6.0	959
-32	1.10	2	50.93	2.420	61.5	365	25	1,460	100	200	8.0	1309
-40	1.30	2.1/2	63.50	3.346	85.0	254	17.5	1,016	70	250	9.8	1450
-48	1.30	3	76.00	3.504	89.0	236	16.3	944	65	310	12.2	1550

Note: Working and burst pressure are at 20 Deg C Temperature