



GENERAL SPECIFICATIONS:

Smooth products are made with natural or black antistatic PTFE resins.
 Diameters: from 1.5 mm (0.06 inch) to 30 mm (1.18 inch). Wall thickness: from 0,5 mm (0.02 inch) to 2 mm (0.08 inch).

OPTIONS

| Retractable coiled tubing feasibility.

COLORS FEASIBLE



More Sizes Available,
 please contact our Customer Service.

INTERNAL DIAMETER		WALL THICKNESS		OUTER DIAMETER		WEIGHT PER UNIT LENGTH		MINIMUM BEND RADIUS		MAXIMUM WP		MINIMUM BP	
mm	inch	mm	inch	mm	inch	gr/mt	Lbs/ft	mm	inch	bar	psi	bar	psi
1.5	59	1.25	0.33	3.2	126	14.20	93	12	472	35	508	110	1595
2.0	79	0.50	0.20	3.0	118	9.00	58	18	709	23	334	70	1015
2.0	79	1.00	0.39	4.0	157	20.5	138	16	630	35	508	110	1595
2.5	98	1.15	0.29	4.0	157	16.8	113	21	827	25	363	80	1160
2.7	106	1.05	0.25	4.0	157	15.0	101	25	984	21	305	65	943
3.0	118	0.50	0.20	4.0	157	12.1	81	32	5.20	16	232	50	725
3.0	118	1.00	0.39	5.0	197	27.6	185	25	984	28	406	85	1233
3.0	118	1.50	0.59	6.0	236	46.6	313	24	945	35	508	110	1595
4.0	157	0.50	0.20	5.0	197	15.5	104	50	17.09	13	189	40	580
4.0	157	1.00	0.39	6.0	236	34.5	232	36	7.57	23	334	70	1015
4.0	157	2.00	1.19	8.0	315	82.9	557	32	5.20	35	508	110	1595
4.35	171	1.00	0.39	6.35	250	37.0	248	40	10.35	21	305	65	943
5.0	197	1.00	0.39	7.0	276	41.4	278	49	16.29	20	290	60	870
5.0	197	1.15	0.29	8.0	315	67.4	453	43	12.33	25	363	80	1160
5.0	197	2.00	1.19	9.0	354	96.7	650	40	10.35	31	450	95	1378
6.0	236	0.50	0.20	7.0	276	22.5	151	98	17.18	8	116	25	363
6.0	236	1.00	0.39	8.0	315	48.4	325	64	10.40	16	232	50	725
6.0	236	1.50	0.59	9.0	354	77.7	522	54	4.06	23	334	70	1015
6.0	236	2.00	1.19	10.0	394	110.5	743	50	17.09	28	406	85	1233
6.35	250	1.57	1.02	9.5	374	82.9	557	60	8.02	21	305	65	943
7.0	276	1.00	0.39	9.0	354	55.3	372	81	6.09	13	189	40	580
7.0	276	1.50	0.59	10.0	394	88.1	592	67	12.38	20	290	60	870
8.0	315	0.50	0.20	9.0	354	29.4	198	162	12.18	6	87	20	290
8.0	315	1.00	0.39	10.0	394	62.2	418	100	18.37	13	189	40	580
8.0	315	2.00	1.19	12.0	472	138.2	929	72	15.55	23	334	70	1015
9.0	354	1.50	0.059	12.0	472	108.8	7031	96	3.780	16	232	50	725



All our tubing are developed first for static application. Maximum Working Pressures calculated using a Safety Factor of 3. To guarantee quality and reliability, all PTFE tubing are tested under pressure.



Values and coefficients contained in this sheet are for information only and shall in no event be held to constitute or imply any warranty, undertaking, express or implied commitment. No liability whatsoever can be accepted by ITG SPA with respect to difference to the values reported in the tables or misuse by the Customer of the product.

INTERNAL DIAMETER		WALL THICKNESS		OUTER DIAMETER		WEIGHT PER UNIT LENGTH		MINIMUM BEND RADIUS		MAXIMUM WP		MINIMUM BP	
mm	inch	mm	inch	mm	inch	gr/mt	Lbs/ft	mm	inch	bar	psi	bar	psi
10.0	.394	1.00	0.039	12.0	.472	76.0	.0511	144	5.670	10	145	30	435
10.0	.394	1.50	0.059	13.0	.512	119.2	.0801	113	4.449	15	218	45	653
10.0	.394	2.00	0.079	14.0	.551	165.8	.1114	98	3.858	18	261	55	798
11.0	.433	1.00	0.039	13.0	.513	82.9	.0557	169	6.654	10	145	30	435
11.0	.433	2.00	0.079	15.0	.591	179.6	.1207	113	4.449	16	232	50	725
12.0	.472	1.00	0.039	14.0	.551	89.8	.0603	196	7.716	8	116	25	363
13.0	.512	1.00	0.039	15.0	.591	96.7	.0650	225	8.858	8	116	25	363
13.0	.512	1.50	0.059	16.0	.630	150.2	.1009	170	6.693	11	160	35	508
14.0	.551	1.00	0.039	16.0	.630	103.6	.0696	256	10.079	6	87	20	290
15.0	.591	1.50	0.059	18.0	.709	171.0	.1149	216	8.504	10	145	30	435
16.0	.630	1.00	0.039	18.0	.709	117.4	.0789	324	12.756	6	87	20	290
16.0	.630	1.50	0.059	19.0	.748	181.3	.1218	241	9.488	10	145	30	435
16.0	.630	2.00	0.079	20.0	.787	248.7	.1671	200	7.874	13	189	40	580
17.0	.670	1.50	0.059	20.0	.787	191.7	.1288	267	10.512	8	116	25	363
18.0	.709	1.00	0.039	20.0	.787	131.3	.0882	400	15.748	5	73	15	218
19.0	.748	1.50	0.059	22.0	.866	212.4	.1427	323	12.717	6	87	20	290
20.0	.787	1.00	0.039	22.0	.866	145.1	.0975	484	19.055	5	73	15	218
22.0	.866	1.50	0.059	25.0	.984	243.5	.1636	417	16.417	6	87	20	290
23.0	.906	1.00	0.039	25.0	.984	165.8	.1114	625	24.606	5	73	15	218
25.0	.984	1.50	0.059	28.0	1.102	274.6	.1845	523	20.590	5	73	15	218
26.0	1.024	2.00	0.079	30.0	1.181	386.8	.2599	450	17.717	6	87	20	290
28.0	1.102	1.00	0.039	30.0	1.181	200.3	.1346	900	35.433	4	58	12	174
30.0	1.181	1.00	0.039	32.0	1.260	214.1	.1439	1024	40.315	4	58	12	174

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TEMPERATURE SERVICE

- 60°C + 260°C

APPLICATION | MARKETS:

Chemical, High Temperature Applications,
Food & Beverage, Medical Devices, Laboratory,
Instrumentation, Electrical Insulation, Paint,
Pharmaceutical, Automotive, Motorcycle.

WORKING TEMPERATURE

PRESSURE DE-RATING %

Up to 23 °C	100 %
100°C	65%
150°C	50%
200°C	35%
260°C	25%

ID (mm)

TOLERANCES (mm)

1.5 < ID ≤ 5	± 0.10
5.1 < ID ≤ 7	± 0.15
7.1 < ID ≤ 10	± 0.20
10.1 < ID ≤ 15	± 0.30
15.1 < ID ≤ 20	± 0.40
20.1 < ID ≤ 26	± 0.60



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