

Teflon tube, PTFE, smooth

Application:



Universal Teflon tube suitable for the food and pharmaceutical industry, including laboratories. The tube is specially developed for transporting liquids, where great demands are made on temperature, pressure, or chemical influence.

Can be supplied in different colours on request, such as black, brown, red, green, blue, yellow, orange, grey, purple, and pink. Dimensions up to Ø50 mm.

Properties:

High temperature resistant, meaning PTFE products can be used for continuous operation in a temperature range from -73°C to +260°C. The hose can be used for almost all chemical products except alkaline metals, molten or in solution.

- Low coefficient of friction and self-lubricating
- Non-adhesive and non-flammable
- Excellent electrical properties (frequency and temperature dependent)
- Good mechanical properties with high tensile strength
- Effective at both low and high temperatures

Address

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8361 Hasselager
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- Durable and resistant to impact
- Fully resistant to ageing and moisture
- Approved for direct food contact
- Weather and UV-resistant

Construction:

The tube is made of extruded virgin PTFE.

Temperature:

The temperature ranges from -73°C to +260°C.

Safety factor:

Safety factor: ≥ 3 times working pressure.

Pressure:

All pressures are stated at the temperature +20°C.

Standards:

Regulations: (CE) No. 1935/2004 GU CE L338, (CE) No. 1895/2005 GU CE L302, (EU), No. 10/2011 GU UE L12, (EU) No. 321/2011 GU UE L87, (EU) No. 1282/2011 GU UE L328 dated 10/12/2011.

Approvals:**Address**

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Item number	Inner dia. mm	Outer dia. mm	Dynamic bending radius mm	Working pressure bar	Burst pressure bar	Color	Metres per coil	Net weight kg.	Base unit
0421100301	1,5	3,0	12,0	35,0	110,0	Natural	100,0	0,014	MTR
0421100302	2,0	3,0	18,0	23,0	70,0	Natural	100,0	0,009	MTR
0421100402	2,0	4,0	16,0	35,0	110,0	Natural	100,0	0,020	MTR
0421100403	3,0	4,0	32,0	16,0	50,0	Natural	100,0	0,012	MTR
0421100503	3,0	5,0	25,0	28,0	85,0	Natural	100,0	0,0276	MTR
0421100604	4,0	6,0	36,0	23,0	70,0	Natural	100,0	0,0345	MTR
0421100706	6,0	7,0	98,0	8,0	25,0	Natural	100,0	0,0225	MTR.
0421100805	5,0	8,0	43,0	25,0	80,0	Natural	100,0	0,0674	MTR
0421100806	6,0	8,0	64,0	16,0	50,0	Natural	100,0	0,0484	MTR
0421100906	6,0	9,0	64,0	16,0	50,0	Natural	100,0	0,0484	MTR
0421101008	8,0	10,0	100,0	13,0	40,0	Natural	50,0	0,0622	MTR
0421101209	9,0	12,0	96,0	16,0	50,0	Natural	100,0	0,1088	MTR.
0421101210	10,0	12,0	144,0	10,0	30,0	Natural	50,0	0,076	MTR
0421101412	12,0	14,0	196,0	8,0	25,0	Natural	50,0	0,0898	MTR
0421101613	13,0	16,0	170,0	11,0	35,0	Natural	50,0	0,1502	MTR
0421101614	14,0	16,0	256,0	6,0	20,0	Natural	100,0	0,1036	MTR
0421101916	16,0	19,0	241,0	10,0	30,0	Natural	50,0	0,1813	MTR
0421102016	16,0	20,0	200,0	13,0	40,0	Natural	50,0	0,2487	MTR
0421102018	18,0	20,0	400,0	5,0	15,0	Natural	50,0	0,1313	MTR
0421102320	20,0	23,0	410	6,0	20,0	Natural	50,0		MTR
0421102522	22,0	25,0	417,0	6,0	20,0	Natural	50,0	0,243	MTR
04211B0402	2,0	4,0	16,0	35,0	110,0	Blue	100,0	0,0205	MTR
04211B0503	3,0	5,0	25,0	28,0	85,0	Blue	100,0	0,0276	MTR
04211B0604	4,0	6,0	36,0	23,0	110,0	Blue	100,0	0,0829	MTR
04211B0806	6,0	8,0	64,0	16,0	50,0	Blue	100,0	0,0484	MTR
04211B1008	8,0	10,0	100,0	13,0	40,0	Blue	50,0	0,0622	MTR
04211B1210	10,0	12,0	144,0	10,0	30,0	Blue	50,0	0,076	MTR

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04211B1412	12,0	14,0	196,0	8,0	25,0	Blue	50,0	0,0898	MTR
04211B1614	14,0	16,0	170,0	6,0	25,0	Blue	50,0	0,1304	MTR
04211G0503	3,0	5,0	25,0	28,0	085,0	Green	100,0	0,0276	MTR
04211G0604	4,0	6,0	36,0	23,0	70,0	Green	100,0	0,0345	MTR
04211G0806	6,0	8,0	064,0	16,0	50,0	Green	100,0	0,0484	MTR
04211R0402	2,0	4,0	16,0	35,0	110,0	Red	100,0	0,205	MTR
04211R0503	3,0	5,0	25,0	28,0	85,0	Red	100,0	0,0276	MTR
04211R0604	4,0	6,0	36,0	23,0	70,0	Red	100,0	0,0345	MTR
04211R0806	6,0	8,0	64,0	16,0	50,0	Red	100,0	0,0484	MTR
04211R1008	8,0	10,0	100,0	13,0	40,0	Red	50,0	0,0622	MTR
04211R1210	10,0	12,0	144,0	10,0	30,0	Red	50,0	0,076	MTR
04211R1412	12,0	14,0	196,0	8,0	25,0	Red	50,0	0,0898	MTR
04211S0402	2,0	4,0	16,0	35,0	110,0	Black	100,0	0,0205	MTR
04211S0403	3,0	4,0	32,0	16,0	50,0	Black	100,0	0,0121	MTR
04211S0503	3,0	5,0	25,0	28,0	85,0	Black	100,0	0,0276	MTR
04211S0604	4,0	6,0	36,0	23,0	70,0	Black	100,0	0,0345	MTR
04211S0806	6,0	8,0	64,0	16,0	50,0	Black	100,0	0,0484	MTR
04211S1008	8,0	10,0	100,0	13,0	40,0	Black	50,0	0,0622	MTR
04211S1210	10,0	12,0	144,0	10,0	30,0	Black	50,0	0,076	MTR
04211S1412	12,0	14,0	196,0	8,0	25,0	Black	50,0	0,0898	MTR
04211Y0402	2,0	4,0	16,0	35,0	110,0	Yellow	100,0	0,0205	MTR
04211Y0503	3,0	5,0	25,0	28,0	85,0	Yellow	100,0	0,0276	MTR
04211Y0604	4,0	6,0	36,0	23,0	70,0	Yellow	100,0	0,0345	MTR
04211Y0806	6,0	8,0	64,0	16,0	50,0	Yellow	100,0	0,0484	MTR
04211Y1008	8,0	10,0	100,0	13,0	40,0	Yellow	50,0	0,0622	MTR
04211Y1210	10,0	12,0	144,0	10,0	30,0	Yellow	50,0	0,076	MTR

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04211Y1412	12,0	14,0	196,0	8,0	25,0	Yellow	50,0	0,0898	MTR
04211Y1614	14,0	16,0	256,0	6,0	20,0	Yellow	50,0	0,1036	MTR

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