

Polyethylene pneumatic tubing-low density

Applications

- Pneumatic control lines
- Machine manufacturing

Properties

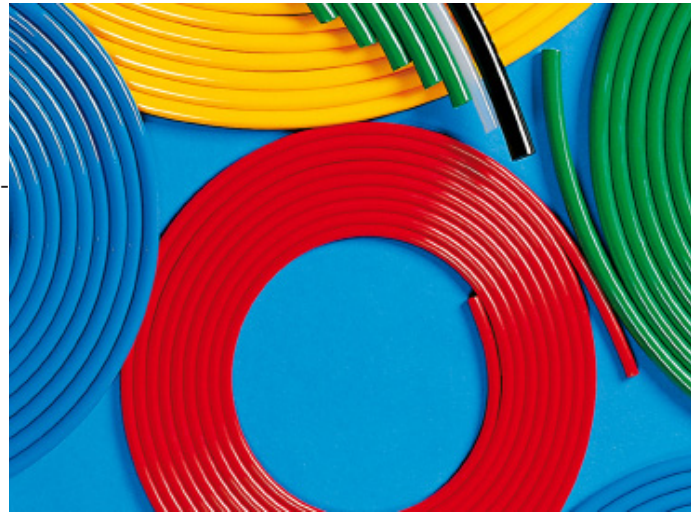
- lightweight
- physiologically safe and tasteless (complies with FDA regulation 21 CFR 177.1520(c) 2.2 and EU, No 10/2011)
- low permeability for water, water vapor and gases
- resistant to various chemicals (see attached table of chemical resistance)
- sterilizable using ethylene oxide and gamma rays
- good dielectric characteristics
- low price
- easily fitted
- available in a range of colours

Temperature Range

- -40°C to +90°C

Standard colours

- nature
- black
- blue



ID* mm	Wall thickness mm	OD* mm	Tolerance ID & OD mm	Weight/m g	Max. op. pressure resistance at 23°C bar	Min. bending radius mm
2	1	4	3 0,05	9,7	44	20
2,9	0,55	4	3 0,05	6,1	21	20
3	1	5	3 0,05	12,9	33	25
4	1	6	3 0,10	16,1	26	30
5	1,5	8	3 0,10	31,4	30	40
5,5	1,25	8	3 0,10	27,1	24	40
6	1	8	3 0,10	22,5	19	40
6	2	10	3 0,10	51,5	33	50
7	1,5	10	3 0,10	41,0	23	50
7,5	1,25	10	3 0,10	35,2	19	50
8	1	10	3 0,10	29,0	14	50
8	2	12	3 0,10	64,3	26	60
9	1,5	12	3 0,10	50,7	19	60
10	1	12	3 0,10	35,4	12	60
10	2	14	3 0,10	77,2	22	70
11	1,5	14	3 0,10	60,3	196	70
12	1,5	15	3 0,10	65,1	14	90
12	2	16	3 0,15	90,1	19	90
14	2	18	3 0,15	102,9	16	120
16	2	20	3 0,15	115,8	14	120
18	2	22	3 0,25	128,7	13	150

All data refers to a medium and ambient temperature of +23 °C
 * Refers to the inner hose lining
 Subject to technical changes and colour deviations.