

Technical Data Sheet

ROHRflex-PU

ROHRflex corrugated plastic tubings

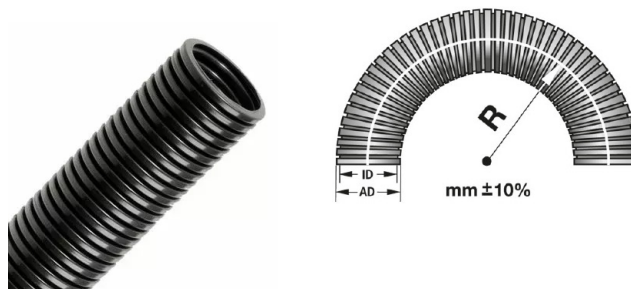
Protective all-plastic tubing, internally and externally corrugated, for very flexible applications, oil and fuel resistant

Temperature: -40°C ... +120°C ^ +150°C
-40°F ... +248°F ^ +302°F

Material: PU plastics

Characteristics:

- Air and liquid tight
- Widely resistant to acids and solvents
- Free of silicone, cadmium, halogen
- High tenacity and abrasion resistance
- Outstanding qualities at low temperatures
- Microbe resistant
- Very flexible
- Oil, benzine and grease resistant



Applications:

- Machine and plant constructions, automotive especially for engine installations, shipbuilding, automation, electrical installations



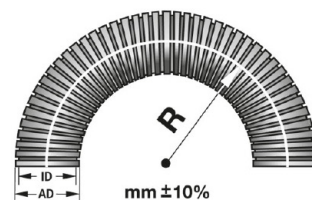
Characteristics	Unit	Value	Test
Mechanical characteristics			
Resistance to bending		flexible	EN 61386-23
Flame characteristics			
Free of halogen and phosphor		yes	DIN 53474
Flame class		HB	UL 94
Resistance to flame propagation		non flame propagating	EN 61386-23
Specific characteristics			
Resistance to fuels, mineral oil, fat alkalises, glycols, acids, bases		excellent	

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Part Number	Color	Trade Size mm in	Profile	ID mm in	OD mm in	BR Stat. mm in	BR Dyn. mm in	Weight kg/m lb/ft	Std Pack m ft
0289.902.010	Black	13.0 5/16	Fine	8.80 0.35	13.0 0.51	15 0.59	40 1.57	0.040 0.03	50 164
0289.902.012	Black	15.8 3/8	Fine	11.4 0.45	15.8 0.62	22 0.87	55 2.17	0.050 0.03	50 164
0289.932.016	Black	21.2 1/2	Fine	15.2 0.60	21.2 0.83	35 1.38	75 2.95	0.060 0.04	50 164
0289.932.023	Black	28.5 3/4	Fine	22.0 0.87	28.5 1.12	45 1.77	100 3.94	0.140 0.09	50 164
0289.932.029	Black	34.5 1	Fine	27.5 1.08	34.5 1.36	50 1.97	120 4.72	0.165 0.11	25 82
0289.932.036	Black	42.5 1 1/4	Fine	35.5 1.40	42.5 1.67	80 3.15	150 5.91	0.170 0.11	25 82
0289.932.048	Black	54.5 1 1/2	Fine	47.0 1.85	54.5 2.15	100 3.94	190 7.48	0.230 0.15	25 82

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