

Technical Data Sheet

ROHRflex-MOVE

ROHRflex corrugated plastic tubings

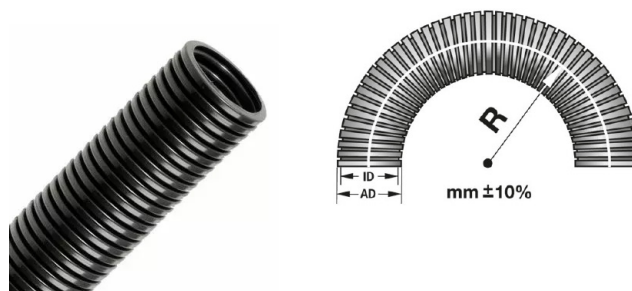
Protective all-plastic tubing, internally and externally corrugated, highly flexible, especially for cobots and small industrial robots

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

Material: Specially modified polyolefin

Characteristics:

- Air and liquid tight
- Exceptional flexibility
- Material properties are independent of humidity exceptional flexibility
- Flame-retardant
- Extra UV-stabilized
- Resistant to aqueous solutions
- Largely resistant to solvents
- Free from silicone, cadmium, and halogens



Applications:

- Especially for cobots and small industrial robots at slow and medium speeds, automation



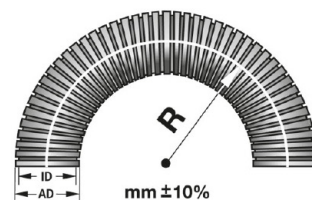
Characteristics	Unit	Value	Test
Mechanical characteristics			
Resistance to bending		flexible	EN 61386-23
Flame characteristics			
Free of halogen and phosphor		yes	DIN 53
Resistance to flame propagation		non flame propagating	EN 61386-23
Flame class		V2	UL94
Specific characteristics			
Resistance to 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
1231.002.016	Black	21.2 1/2	Fine	16.5 0.65	21.3 0.84	25 0.98	120 4.72	0.040 0.03	50 164
1231.002.023	Black	28.5 3/4	Fine	23.0 0.91	28.5 1.12	45 1.77	120 4.72	0.080 0.05	50 164
1231.002.029	Black	34.5 1	Fine	29.0 1.14	34.5 1.36	55 2.17	130 5.12	0.095 0.06	25 82
1231.002.036	Black	42.5 1 1/4	Fine	36.0 1.42	42.5 1.67	65 2.56	180 7.09	0.130 0.09	25 82

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