

Technical Data Sheet

ROHRflex-PA 6-UL-SD

ROHRflex corrugated plastic tubings

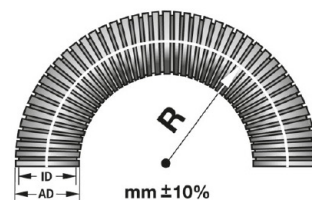
Protective all-plastic tubing, internally and externally corrugated,
UL listed

Temperature: -25°C ... +120°C
-13°F ... +248°F

Material: PA 6 plastics

Characteristics:

- Air and liquid tight
- Oil resistant up to 80C
- Benzine resistant
- Widely resistant to acids and solvents
- Free of silicone, cadmium, halogen
- Flame retardant
- High UV-resistance
- UL 1660 & CSA C22.2 Nr. 227.2.1-14; file no.: E495847



Applications:

- Machine and plant constructions, heating, ventilation, air conditioning, outdoor applications



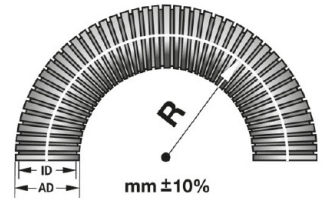
Characteristics	Unit	Value	Test
Mechanical characteristics			
Resistance to compression	N	320	EN 61386-23
Resistance to bending		flexible	EN 61386-23
Resistance to reversed bending		5,000	EN 61386-23
Average reversed bending stress		>40,000	EN 61386-23
Flame characteristics			
Free of halogen and phosphor		yes	DIN 53474
Flame class		V2	UL 94
Resistance to flame propagation		non flame propagating	EN 61386-23
Light emitting filament check	C	850	EN 60695-2-1/0
Specific characteristics			
Resistance to fuels, mineral oil, fat alkalises, glycols, acids, bases		excellent	
Weather performance			
UV-resistance	Std.	1,000	ASTM G155, Cycle 1
System test			
Pull-out resistance with FLEXAquick	N	100	EN 61386-23
Ingress protection			
Assembled with FLEXAquick		IP 68/69K	IEC 60529

Technical Data Sheet

ROHRflex-PA 6-UL-SD

ROHRflex corrugated plastic tubings

Protective all-plastic tubing, internally and externally corrugated,
UL listed



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
0238.202.016	Black	21.2 1/2	Fine	16.0 0.63	21.2 0.83	50 1.97	75 2.95	0.075 0.05	50 164
0238.202.023	Black	28.5 3/4	Fine	22.5 0.89	28.5 1.12	60 2.36	100 3.94	0.120 0.08	50 164
0238.202.029	Black	34.5 1	Fine	28.4 1.12	34.5 1.36	70 2.76	120 4.72	0.155 0.10	25 82
0238.202.036	Black	42.5 1 1/4	Fine	35.5 1.40	42.5 1.67	100 3.94	150 5.91	0.222 0.15	25 82
0238.202.048	Black	54.5 1 1/2	Fine	47.5 1.87	54.5 2.15	110 4.33	190 7.48	0.300 0.20	25 82

Recommendations for any areas of applications, products, or product combinations are issued to the best of FLEXA's knowledge and experience. The user is requested to check applicability of FLEXA products to specific applications and purposes prior to the use of the particular products. All documentation, illustrations, and charts published are subject to copyright and must not be copied, changed, used, or modified. Technical drawings, certificates, authorizations, and results by the FLEXA lab will be provided upon request. FLEXA will not be held liable for typographical or other errors and incorrect drawings. Technical modifications are subject to change without prior notice.