

Technical Data Sheet

ROHRflex-PA 6-L

ROHRflex corrugated plastic tubings

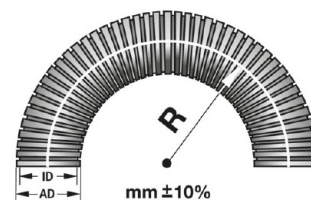
Protective all-plastic tubing, internally and externally corrugated, fire protection, economical

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



Applications:

- Machine and plant constructions, automotive, shipbuilding, automation, electrical installations



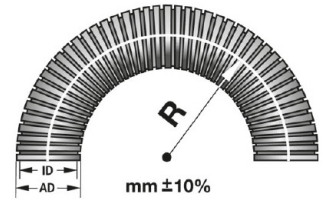
Characteristics	Unit	Value	Test
Mechanical characteristics			
Resistance to compression	N	125	EN 61386-23
Resistance to bending		flexible	EN 61386-23
Resistance to reversed bending (-25C)		5000	EN 61386-23
Average reversed bending stress		>100,000	WN-1003
Flame characteristics			
Free of halogen and phosphor		yes	DIN 53474
Flame class		HB	UL 94
Resistance to flame propagation		non flame propagating	EN 61386-23
Light emitting filament check	C	850	EN 60695-2-1/0
Specific characteristics			
Resistance to fuels, mineral oil, fat alkalises, glycols, acids, bases		excellent	
Ingress protection			
Assembled with FLEXAquick		IP 68/69K	IEC 60529
Weather performance			
UV-resistance	Std.	1,000	ASTM G155, Cycle 1
System test			
Pull-out resistance with FLEXAquick	N	100	EN 61386-23

Technical Data Sheet

ROHRflex-PA 6-L

ROHRflex corrugated plastic tubings

Protective all-plastic tubing, internally and externally corrugated, fire protection, economical



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
0261.202.006	Black	10.0 1/4	Fine	6.5 0.26	10.0 0.39	13 0.51	35 1.38	0.020 0.01	50 164
0261.202.010	Black	13.0 5/16	Fine	10.0 0.39	13.0 0.51	20 0.79	45 1.77	0.024 0.02	50 164
0261.202.012	Black	15.8 3/8	Fine	12.0 0.47	15.8 0.62	35 1.38	55 2.17	0.034 0.02	50 164
0261.202.014	Black	18.5 7/16	Fine	14.3 0.56	18.2 0.72	40 1.57	65 2.56	0.05 0.03	50 164
0261.202.016	Black	21.2 1/2	Fine	16.5 0.65	21.2 0.83	45 1.77	75 2.95	0.056 0.04	50 164
0261.202.023	Black	28.5 3/4	Fine	22.0 0.87	28.5 1.12	55 2.17	100 3.94	0.100 0.07	50 164
0261.202.029	Black	34.5 1	Fine	29.0 1.14	34.5 1.36	65 2.56	120 4.72	0.122 0.08	25 82
0261.202.036	Black	42.5 1 1/4	Fine	35.5 1.40	42.5 1.67	90 3.54	150 5.91	0.145 0.10	25 82
0261.202.048	Black	54.5 1 1/2	Fine	48.0 1.89	54.5 2.15	100 3.94	190 7.48	0.225 0.15	25 82
0261.232.016	Black	21.2 1/2	Coarse	15.5 0.61	21.2 0.83	45 1.77	75 2.95	0.056 0.04	50 164
0261.232.023	Black	28.5 3/4	Coarse	22.0 0.87	28.5 1.12	55 2.17	100 3.94	0.090 0.06	50 164
0261.232.029	Black	34.5 1	Coarse	27.5 1.08	34.5 1.36	65 2.56	120 4.72	0.120 0.08	25 82
0261.232.036	Black	42.5 1 1/4	Coarse	35.5 1.40	42.5 1.67	90 3.54	150 5.91	0.165 0.11	25 82
0261.232.048	Black	54.5 1 1/2	Coarse	47.0 1.85	54.5 2.15	100 3.94	190 7.48	0.225 0.15	25 82
0261.201.006	Gray	10.0 1/4	Fine	6.5 0.26	10.0 0.39	13 0.51	35 1.38	0.020 0.01	50 164
0261.201.010	Gray	13.0 5/16	Fine	10.0 0.39	13.0 0.51	20 0.79	45 1.77	0.024 0.02	50 164
0261.201.012	Gray	15.8 3/8	Fine	12.0 0.47	15.8 0.62	35 1.38	55 2.17	0.034 0.02	50 164
0261.201.014	Gray	18.5 7/16	Fine	14.3 0.56	18.2 0.72	40 1.57	65 2.56	0.050 0.03	50 164
0261.201.016	Gray	21.2 1/2	Fine	16.5 0.65	21.2 0.83	45 1.77	75 2.95	0.056 0.04	50 164
0261.201.023	Gray	28.5 3/4	Fine	23.0 0.91	28.5 1.12	55 2.17	100 3.94	0.100 0.07	50 164
0261.231.016	Gray	21.2 1/2	Coarse	15.5 0.61	21.2 0.83	45 1.77	75 2.95	0.056 0.04	50 164
0261.231.023	Gray	28.5 3/4	Coarse	22.0 0.87	28.5 1.12	55 2.17	100 3.94	0.090 0.06	50 164
0261.231.029	Gray	34.5 1	Coarse	27.5 1.08	34.5 1.36	65 2.56	120 4.72	0.120 0.08	25 82
0261.231.036	Gray	42.5 1 1/4	Coarse	35.5 1.40	42.5 1.67	90 3.54	150 5.91	0.165 0.11	25 82
0261.231.048	Gray	54.5 1 1/2	Coarse	47.0 1.85	54.5 2.15	100 3.94	190 7.48	0.225 0.15	25 82
0261.209.006	Orange	10.0 1/4	Fine	6.5 0.26	10.0 0.39	13 0.51	35 1.38	0.020 0.01	50 164
0261.209.010	Orange	13.0 5/16	Fine	10.0 0.39	13.0 0.51	20 0.79	45 1.77	0.024 0.02	50 164
0261.209.012	Orange	15.8 3/8	Fine	12.0 0.47	15.8 0.62	35 1.38	55 2.17	0.034 0.02	50 164
0261.209.014	Orange	18.5 7/16	Fine	14.3 0.56	18.2 0.72	40 1.57	65 2.56	0.050 0.03	50 164
0261.209.016	Orange	21.2 1/2	Fine	16.5 0.65	21.2 0.83	45 1.77	75 2.95	0.056 0.04	50 164
0261.239.016	Orange	21.2 1/2	Coarse	15.5 0.61	21.2 0.83	45 1.77	75 2.95	0.056 0.04	50 164
0261.239.023	Orange	28.5 3/4	Coarse	22.0 0.87	28.5 1.12	55 2.17	100 3.94	0.090 0.06	50 164
0261.239.029	Orange	34.5 1	Coarse	27.5 1.08	34.5 1.36	65 2.56	120 4.72	0.120 0.08	25 82
0261.239.036	Orange	42.5 1 1/4	Coarse	35.5 1.40	42.5 1.67	90 3.54	150 5.91	0.165 0.11	25 82
0261.239.048	Orange	54.5 1 1/2	Coarse	47.0 1.85	54.5 2.15	100 3.94	190 7.48	0.225 0.15	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.