

Technical Data Sheet

ROHRflex-PA 6-LL

ROHRflex corrugated plastic tubings

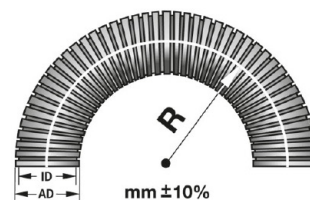
Protective all-plastic tubing, internally and externally corrugated, reduced fire protection, economical

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

Material: PA 6 plastics

Characteristics:

- Air and liquid tight
- Oil resistant up to 80°C
- 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



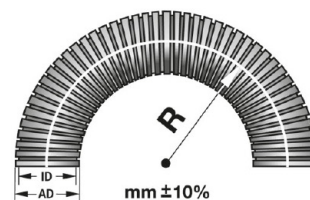
Characteristics	Unit	Value	Test
Mechanical characteristics			
Resistance to compression	N	125	EN 61386-23
Resistance to bending		flexible	EN 61386-23
Resistance to reversed bending		5,000	EN 61386-23
Average reversed bending stress		>100,000	EN 61386-23
Flame characteristics			
Free of halogen and phosphor		yes	DIN 53474
Flame class		HB	UL 94
Resistance to flame propagation		non flame propagating	EN 61386-23
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

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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
0267.202.006	Black	10.0 1/4	Fine	6.5 0.26	10 0.39	13 0.51	35 1.38	0.015 0.01	50 164
0267.202.010	Black	13.0 5/16	Fine	10 0.39	13 0.51	20 0.79	40 1.75	0.025 0.02	50 164
0267.202.012	Black	15.8 3/8	Fine	12 0.47	15.8 0.62	35 1.38	55 2.17	0.03 0.02	50 164
0267.202.014	Black	18.5 7/16	Fine	14.3 0.56	18.5 0.73	40 1.57	65 2.56	0.035 0.02	50 164
0267.202.016	Black	21.2 1/2	Fine	16.5 0.65	21.2 0.83	45 1.77	75 2.95	0.05 0.03	50 164
0267.202.023	Black	28.5 3/4	Fine	23 0.91	28.5 1.12	55 2.17	100 3.94	0.07 0.05	50 164
0267.202.029	Black	34.5 1	Fine	29 1.14	34.5 1.36	65 2.56	120 4.72	0.1 0.07	25 82
0267.202.036	Black	42.5 1 1/4	Fine	36 1.42	42.5 1.67	90 3.54	150 5.91	0.11 0.07	25 82
0267.202.048	Black	54.5 1 1/2	Fine	48 1.89	54.5 2.15	100 3.94	190 7.48	0.165 0.11	25 82
0267.232.016	Black	21.2 1/2	Coarse	15.5 0.61	21.2 0.83	45 1.77	75 2.95	0.045 0.03	50 164
0267.232.023	Black	28.5 3/4	Coarse	22 0.87	28.5 1.12	55 2.17	100 3.94	0.07 0.05	50 164
0267.232.029	Black	34.5 1	Coarse	27.5 1.08	34.5 1.36	65 2.56	120 4.72	0.1 0.07	25 82
0267.232.036	Black	42.5 1 1/4	Coarse	35.5 1.4	42.5 1.67	90 3.54	150 5.91	0.11 0.07	25 82
0267.232.048	Black	54.5 1 1/2	Coarse	47 1.85	54.5 2.15	100 3.94	190 7.48	0.165 0.11	25 82
0267.201.006	Gray	10.0 1/4	Fine	6.5 0.26	10 0.39	13 0.51	35 1.38	0.015 0.01	50 164
0267.201.010	Gray	13.0 5/16	Fine	10 0.39	13 0.51	20 0.79	80 3.15	0.025 0.02	50 164
0267.201.012	Gray	15.8 3/8	Fine	12 0.47	15.8 0.62	35 1.38	55 2.17	0.03 0.02	50 164
0267.201.014	Gray	18.5 7/16	Fine	14.3 0.56	18.5 0.73	40 1.57	65 2.56	0.035 0.02	50 164
0267.201.016	Gray	21.2 1/2	Fine	16.5 0.65	21.2 0.83	45 1.77	75 2.95	0.05 0.03	50 164
0267.231.016	Gray	21.2 1/2	Coarse	15.5 0.61	21.2 0.83	45 1.77	75 2.95	0.045 0.03	50 164
0267.231.023	Gray	28.5 3/4	Coarse	22 0.87	28.5 1.12	55 2.17	100 3.94	0.07 0.05	50 164
0267.231.029	Gray	34.5 1	Coarse	27.5 1.08	34.5 1.36	65 2.56	120 4.72	0.1 0.07	25 82
0267.231.036	Gray	42.5 1 1/4	Coarse	35.5 1.4	42.5 1.67	90 3.54	150 5.91	0.11 0.07	25 82
0267.231.048	Gray	54.5 1 1/2	Coarse	47 1.85	54.5 2.15	100 3.94	190 7.48	0.165 0.11	25 82

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