

ROHRflex PA 6-L

ROHRflex corrugated plastic tubings

Protective all-plastic tubing, internally and externally corrugated, fine or coarse profile, fire protection, economical, HB (UL 94), ECE-R 118.03 (orange)

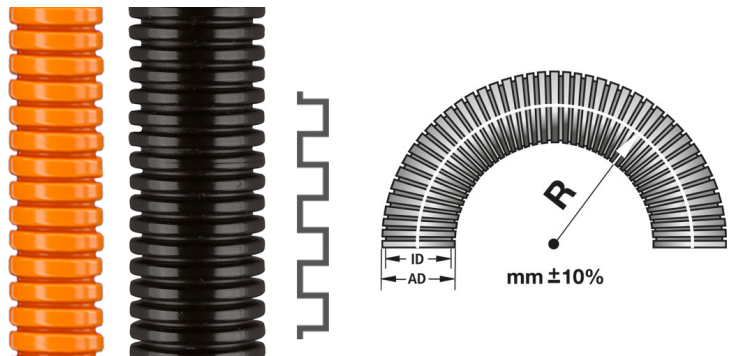
Temperature: -25°C ... +120°C

Material: PA 6 plastics mod.

IP class [acc. to EN 60529]: IP 68 | IP 69K

CHARACTERISTICS:

- Properties: air- and liquid-tight
- oil resistant up to + 80° C
- benzine resistant
- widely resistant to acid and solvents
- free of silicone, cadmium, halogen
- flame retardant
- UV-resistant

**APPLICATIONS:**

- Application: machine and plant constructions / automotive / shipbuilding / automation / electrical installations



Characteristics	Unit	Value	Test
Mechanical characteristics			
Resistance to compression *	N	>320	EN 61386-23
Resistance to impact *	J	>3	EN 61386-23
Resistance to bending *		flexible	EN 61386-23
Reversed bending stresses*		>40.000	
Thermal characteristics			
Temperature range	°C	-25°C ... +120°C	
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
Oxygen index	%	>33	ISO 4589-2
Chemical characteristics			
Resistance to fuels, mineral oils, fats, alkalises, acids and bases		excellent	
System test			
Pull-out resistance with FLEXAquick *	N	>100	EN 61386-23

* Classification for flexible conduit systems for electrical installation DIN EN IEC 61386-23 (Details are based upon dimension OD 21,2)



FLEXA No.	Colour	OD [mm]	Profile	ID [mm]	OD [mm]	BR stat. [mm]	BR dyn. [mm]	Weight [kg/m]	PU [m]
10261202006	Black	10,0	fine	6,5	10,0	13	35	0,020	50
10261202010	Black	13,0	fine	10,0	13,0	20	45	0,024	50
10261202012	Black	15,8	fine	12,0	15,8	35	55	0,034	50
10261202014	Black	18,5	fine	14,3	18,2	40	65	0,050	50
10261202016	Black	21,2	fine	16,5	21,2	45	75	0,056	50
10261202023	Black	28,5	fine	22	28,5	55	100	0,100	50
10261202029	Black	34,5	fine	29,0	34,5	65	120	0,122	25
10261202036	Black	42,5	fine	35,5	42,5	90	150	0,145	25
10261202048	Black	54,5	fine	48,0	54,5	100	190	0,225	25
10261232016	Black	21,2	coarse	15,5	21,2	45	75	0,056	50
10261232023	Black	28,5	coarse	22	28,5	55	100	0,090	50
10261232029	Black	34,5	coarse	27,5	34,5	65	120	0,120	25
10261232036	Black	42,5	coarse	35,5	42,5	90	150	0,165	25
10261232048	Black	54,5	coarse	47,0	54,5	100	190	0,225	25
10261201006	Grey	10,0	fine	6,5	10,0	13	35	0,020	50
10261201010	Grey	13,0	fine	10,0	13,0	20	45	0,024	50
10261201012	Grey	15,8	fine	12,0	15,8	35	55	0,034	50
10261201014	Grey	18,5	fine	14,3	18,2	40	65	0,050	50
10261201016	Grey	21,2	fine	16,5	21,2	45	75	0,056	50
10261201023	Grey	28,5	fine	23,0	28,5	55	100	0,100	50
10261231016	Grey	21,2	coarse	15,5	21,2	45	75	0,056	50
10261231023	Grey	28,5	coarse	22,0	28,5	55	100	0,090	50
10261231029	Grey	34,5	coarse	27,5	34,5	65	120	0,120	25
10261231036	Grey	42,5	coarse	35,5	42,5	90	150	0,165	25
10261231048	Grey	54,5	coarse	47,0	54,5	100	190	0,225	25
10261209006	Orange	10,0	fine	6,5	10,0	13	35	0,020	50
10261209010	Orange	13,0	fine	10,0	13,0	20	45	0,024	50
10261209012	Orange	15,8	fine	12,0	15,8	35	55	0,034	50
10261209014	Orange	18,5	fine	14,3	18,2	40	65	0,050	50
10261209016	Orange	21,2	coarse	16,5	21,2	45	75	0,056	50
10261239016	Orange	21,2	coarse	15,5	21,2	45	75	0,056	50
10261239023	Orange	28,5	coarse	22,0	28,5	55	100	0,090	50
10261239029	Orange	34,5	coarse	27,5	34,5	65	120	0,120	25
10261239036	Orange	42,5	coarse	35,5	42,5	90	150	0,165	25
10261239048	Orange	54,5	coarse	47,0	54,5	100	190	0,225	25

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