

ROHRflex PA 6-HT

ROHRflex corrugated plastic tubings

Protective all-plastic tubing, internally and externally corrugated, fine profile, for high temperatures, V2 (UL 94)

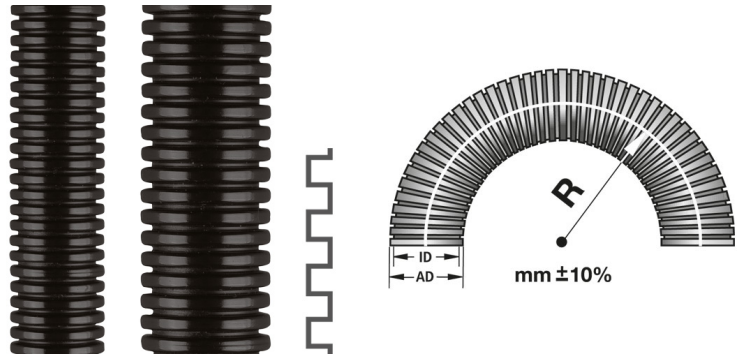
Temperature: -25°C ... +150°C ^ +170°C

Material: PA 6 plastics

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 acids and solvents
- free of silicone, cadmium, halogen
- self-extinguishing
- flame retardant
- UV-resistant



APPLICATIONS:

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

Characteristics	Unit	Value	Test
Mechanical characteristics			
Resistance to compression *	N	>320	EN 61386-23
Resistance to impact *	J	>6	EN 61386-23
Resistance to bending *		flexible	EN 61386-23
Reversed bending stresses*		>200000	
Thermal characteristics			
Temperature range	°C	-25°C ... +150°C	
Short-term	°C	+170°C	
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
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]
10254202006	Black	10,0	fine	6,7	10,0	13	35	0,020	50
10254202010	Black	13,0	fine	9,7	12,9	20	45	0,025	50
10254202012	Black	15,8	fine	12,1	15,7	35	55	0,030	50
10254202016	Black	21,2	fine	16,4	21,3	45	75	0,060	50
10254202023	Black	28,5	fine	22,9	28,4	55	100	0,100	50
10254202029	Black	34,5	fine	28,8	34,4	65	120	0,120	25
10254202036	Black	42,5	fine	36,1	42,3	90	150	0,150	25
10254202048	Black	54,5	fine	47,8	54,3	100	190	0,210	25

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