













Technical Data Sheet



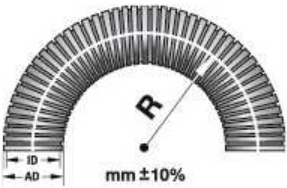

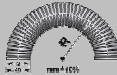




	IP 68	Flexible conduit	 	EN 45545	Nr.: 0249. ...
	ROHRflex® PA 12-F	 	Revision B6 Nov 2018		

Description	Characteristics	Unit	Value	Test
Material Plastic (PA) Color Black Temperature range -50°C up to + 100°C ^...+ 130°C Construction Corrugated all-plastic tubing, internally and externally corrugated Properties <ul style="list-style-type: none"> • high alternative bending strength • improved insulation properties • air- and liquid-tight • oil resistant up to +80°C • benzine resistant • widely resistant to acid and solvents • free of silicone, cadmium, halogen • highly self-extinguishing • flame retardant • UV-resistant • EN 45545-2 HL3 für R22/R23 • REACH and RoHS compliant 	Thermal characteristics Temperature range Short-term Flame characteristics Free of halogen and phosphor Flame class Oxygen index Material requirements R22 / R23 Chemical characteristics Resistance to fuels, mineral oils, fats, alkalises, acids and bases	°C °C %	-50 ...+ 100° 130° Yes V2 28 HL3 excellent	DIN 53474 UL 94 ISO 4589-2 CEN-TS 45545-2
Applications <ul style="list-style-type: none"> • Automotive • Railway Industry 				



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	Flexible conduit	 	 	Nr.: 0249. ...
	ROHRflex® PA 12-F			Revision B6 Nov 2018

Dimensions							
 Fine profile  Coarse profile				Smallest bending radius stat. > static (fixed) dyn. > dynamic			
Part No.	AD OD						
Color:	∅	mm	stat	dyn	kg/m	m	
Black							
 Fine Profile							
0249.202.006 *	10,0	6,5 x 10,0	13	35	0,020	50	
0249.202.010 *	13,0	10,0 x 13,0	15	45	0,025	50	
0249.202.012 *	15,8	12,0 x 15,8	22	55	0,030	50	
0249.202.016 *	21,2	16,5 x 21,2	35	75	0,060	50	
 Coarse Profile							
0249.232.016 *	21,2	15,5 x 21,2	45	75	0,080	50	
0249.232.023 *	28,5	22,0 x 28,5	55	100	0,110	50	
0249.232.029 *	34,5	27,5 x 34,5	65	120	0,130	25	
0249.232.036 *	42,5	36,0 x 42,5	90	150	0,150	25	
0249.232.048 *	54,5	47,0 x 54,5	100	190	0,220	25	

*Delivery time and minimum order quantity on request

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