








Technical Data Sheet



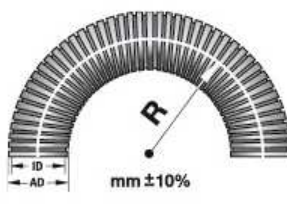






	IP 68	Flexible conduit	 	Nr.: 0289. ...
	ROHRflex® PU	Revision A3 Nov 2013		

Description	Characteristics	Unit	Value	Test
Material Plastic (PP) Color Black Temperature range -40°C up to + 120°C ^...+ 150°C Construction Corrugated all-plastic tubing, internally and externally corrugated Properties <ul style="list-style-type: none"> • air- and liquid-tight • oil, benzine and grease resistant • widely resistant to acids and solvents • free of silicone, cadmium, halogen • high tenacity and abrasion resistance • outstanding qualities at low temperature • very flexible • microbe resistant • UV-resistant 	Mechanical characteristics Resistance to compression* Resistance to impact* Resistance to bending* Reversed bending stresses	N J Flexible	k.A. k.A. > 40,000	EN 61386-23 EN 61386-23 EN 61386-23
	Thermal characteristics Temperature range Short-term	°C °C	-40 ..+ 120° 150°	
	Flame characteristics Free of halogen and phosphor Flame class		Yes HB	DIN 53474 UL 94
	Chemical characteristics Resistance to fuels, mineral oils, fats, alkalises, acids and bases		.	excellent
Applications <ul style="list-style-type: none"> • machine and plant constructions • insulated electrical installations for application rules machine and plant constructions acc. to DIN EN 60204 • applications of automotive (especially for engine installations) 	System test Pull-out resistance with FLEXAquick*	N	100	EN 61386-23



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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						
0289.902.010	13,0	8,8 x 13,0	15	40	0,024	50
0289.902.012	15,8	11,4 x 15,8	22	55	0,034	50
 coarse profile						
0289.932.016	21,2	15,2 x 21,2	35	75	0,056	50
0289.932.023	28,5	22,0 x 28,5	45	100	0,090	50
0289.932.029	34,5	27,5 x 34,5	50	120	0,120	25
0289.932.036	42,5	35,5 x 42,5	80	150	0,165	25
0289.932.048	54,5	47,0 x 54,5	100	190	0,225	25

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