





























PMA® conduits

Conduit guide by application

Products				PMAFLEX Pro				PMAFLEX				
Application areas				PHT	PLU	POH	PSX	CYL	ESD	PCL	PCS	
Machine building		General applications	static					●		●		
			dynamic	●				●		●	●	
		Heavy loads	static									
			dynamic									●
		Outdoor applications	static									●
			dynamic									●
		Antistatic requirements	static							●		
			dynamic							●		
Traction vehicles		Outdoor applications with sunlight exposure	static								●	
			dynamic								●	
		Outdoor applications	static	●								●
			dynamic	●								●
		Indoor applications	static		●	●						
Rail infrastructure		Outdoor applications with sunlight exposure	static								●	
		Indoor and tunnel applications	static		●	●						
Automation/ Robotics		Moving systems	dynamic	●				●		●	●	
		Systems with extreme movements	dynamic									
		Moving systems with antistatic requirements	dynamic						●			
Ship + Off-shore		Outdoor general applications	static								●	
			dynamic	●								●
		Indoor applications	static					●		●		
			dynamic					●		●	●	
		Passenger area	static			●		●		●		
Energy		Outdoor applications with sunlight exposure	static								●	
		Indoor applications	static			●		●		●		
		Exposed to radiation	static				●					
Food & Beverage		General applications	static									
			dynamic									
Others		Vehicle building	static	●								
		Telecommunications	indoor						●		●	
			outdoor									
		Building constructions	indoor				●					
			outdoor									
		Ex hazardous areas (ATEX, IECEx)	static						●			
		High temperature applications	static	●			●					

PMA® conduits

Conduit guide by characteristics

Products		PMAFLEX Pro				PMAFLEX					
		PHT	PLU	POH	PSX	CYL	ESD	PCL	PCS		
Material properties	Ductility	■	■	■	■	■	■	■	■		
	Reversed bending resistance	■	■	■	■	■	■	■	■		
	Compression resistance	■	■	■	■	■	■	■	■		
	Low temperature performance	■	■	■	■	■	■	■	■		
	High temperature performance	■	■	■	■	■	■	■	■		
	Resistance to weathering	■	■	■	■	■	■	■	■		
Approvals		Bi-National Recognition File UL1696 & CSA C22.2 No. 227.3-05	 	●	●						
		Bi-National Listing File UL1660 & CSA C22.2 No. 227.2.1									
		Free from halogens, REACH + RoHS compliant		●	●	●	●	●			
		Non flame propagating EN61386				●	●	●			
		EN 45545-2			●						
		NFPA 130 (ASTM E162 – ASTM E662)									
		BSS 7239/SMP 800-C ASTM E1354									
		PN-K 2511						●			
		GOST 12.1.044-89						●			
		DNV (Type approved)			●	●	●	●			
		Lloyd's Register (Type approved)			●	●	●	●			
		Bureau Veritas (Type approved)			●	●	●	●			
Hazardous		ATEX									
		IECEX									
Food & Beverage		NSF									
		Ecolab									
Temperature range		Continuous operating temperature (acc. to DO 9.21-4510)	Min. (-)	-50	-25	-25	-100	-40	-40	-50	-50
			Max. (+)	135	95	95	170	105	90	105	95
		Short term max. operating temperature 168h (acc. to DO 9.21-4360)	(+)	180	120	120	200	160	150	160	150
Sizes		Nominal width min.		07	10	10	10	07	07	07	07
		Nominal width max.		48	48	48	48	125	95	125	95
		Metric size min.		10	12	12	12	10	10	10	10
		Metric size max.		50	50	50	50	146	106	146	106

