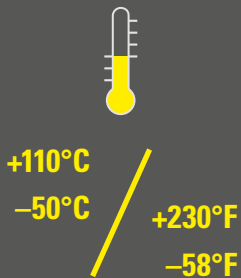
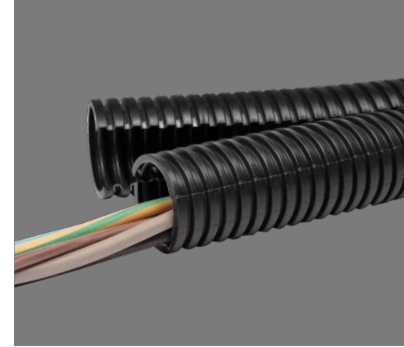


2PDF

可分型波纹管

Divisible corrugated conduit with magnificent mechanical strenght



	min.	max.
温度范围 Temperature range	██████████	██████████
柔韧性 Flexibility/Ductility	██████████	██████████
动态性能 Dynamic	██████████	██████████
机械保护性能 Mechanical protection	██████████	██████████
防火性能 Fire precaution performance	██████████	██████████
耐化学性 Chemical resistance	██████████	██████████
耐候性 Resistance to weathering	██████████	██████████

材料: PA12 MOD BS V0

2PDF为线束保护改造应用及带有连接器的线束二次组装提供解决方案。可分型双层波纹管闭合良好, 优化了线束保护性能, 提高了抗外界影响及冲击。此产品由改性尼龙12材料制成, 非常适用于轨道交通应用。

Material: PA12 MOD BS V0

2PDF is the perfect solution for retrofit application of cable protection, also pre-assembled cable harnesses with already installed connectors. The double shell conduit properly overlaps and provides enhanced cable protection capabilities against external influences and impacts. Due to its excellent self-extinguishing characteristic this conduit type made of specially modified Polyamide 12 perfectly is especially suitable for rolling stock.

2PDF

产品性能 / Product performances

应用性能 / Application performances	特性 Characteristics	单位 Unit	规范标准 Standards, specifications	备注 Remark
温度范围 Temperature range	-50 到 / to +110 -58 到 / to +230	°C °F	IS FIP	
填充率(最大) Filling ratio (max.)	70	%	IS FIP	
机械性能 / Mechanical performances				
峰值负载 Peak load value	320	N	IS FIP	
防火性能 / Fire safety performances				
不含卤素和镉 Free from halogens and cadmium	是 / yes			
阻燃等级 Fire classification	V0		UL 94	
产品防火特性 Fire characteristic of the product	自熄 self-extinguishing		UL 1696	
易燃性 Flammability	自熄 self-extinguishing		FMVSS 302	
氧指数 Oxygen index	≥32	%	EN ISO 4589-2	
灼热丝测试 Glow wire test	850 1562	°C °F	IEC 60695	
火灾危害等级 Fire hazardous level	HL3 R22/R23		EN45545-2	
火焰蔓延指数 Flame spread index	符合 compliant		ASTM E162	依照 / acc. NFPA 130
烟雾浓度 Smoke density	符合 compliant		ASTM E662	依照 / acc. NFPA 130
烟雾毒性 Smoke toxicity	符合 compliant		BSS 7239/SMP 800-C	
热释放量(焓) Heat release (Enthalpy)	14,1 (5555)	MJ/kg (BTU/lb)	ASTM E1354	50 kW/m² 热通量 / heat flux
火焰蔓延 Spread of fire	非火焰蔓延 non flame propagating		IEC EN 61386	
耐候性 / Weathering performances				
UV及耐候性 UV and weathering performance	sehr gut very good		IS FIP	可达30年 up to 30 years

测试条件参照EN ISO 139温度23°C, 湿度 / 50% (如未注明测试条件)。IS FIP = FIP内部测试规范。

Tests carried out acc. EN ISO 139 at 23°C/50% r. h. (if not indicated different). IS FIP = Internal Specification FIP

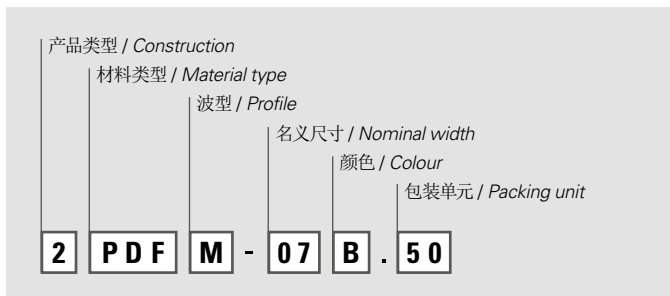
产品号 Part No.	名义尺寸 Nominal width	波型 Profile	尺寸 (mm) Dimensions in mm (nom.)		弯曲半径 Bending radius in mm	包装单元 PU
			ID	外径 / OD		
黑色 / black	NW				stat. R.	m
2PDFM-07B.50	07	M	6,3	10,0	20	50
2PDFM-10B.50	10	M	8,8	13,5	25	50
2PDFM-11B.50	11	M	11,0	16,1	25	50
2PDFM-14B.50	14	M	13,2	18,7	30	50
2PDFM-16B.50	16	M	16,0	21,5	35	50
2PDFM-20B.50	20	M	20,2	25,7	45	50
2PDFM-23B.50	23	M	23,9	31,3	55	50
2PDFM-29B.25	29	M	27,3	35,5	105	25
2PDFM-37B.25	37	M	32,5	43,2	130	25
2PDFM-45B.25	45	M	43,1	54,2	135	25
2PDFM-70B.10	70	M	67,0	79,8	175	10
2PDFM-100B.10	100	M	87,5	102,5	195	10

关于产品库存, 交期, 尺寸及颜色等问题请联系我们本地的经销商或客服。

Please contact our local distribution partner or our customer service regarding product availability, lead time, other sizes and colours.

* 请参照PM sheet www.fraenkische.com/pm-sheet-inch 查询英制尺寸 / Please refer to the according PM sheet via www.fraenkische.com/pm-sheet-inch for the measurements in inch.

产品代码 / Number code:



中间波型 M / Intermediate profile M

可分型的 / Divisible

弯曲半径 / Bending radius

stat. R = 用于静态安装使用的推荐最小弯曲半径
lowest recommended bending radius for static (fixed) installation

dyn. R = 用于动态安装使用的推荐最小弯曲半径
lowest recommended bending radius for dynamic (flexible) installation

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