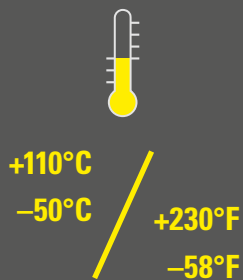
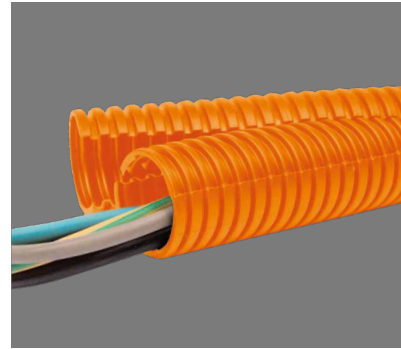


2PDS-O

可分型波纹管

Divisible corrugated conduit



材料: PA12 MOD BS 橙色, 色号RAL2003

2PDS-O 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。

Material: PA12 MOD BS orange according to RAL2003

2PDS-O 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.

2PDS-0

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	V2		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	
烟雾浓度 Smoke density	符合 compliant		ASTM E662	
烟雾毒性 Smoke toxicity	符合 compliant		BSS 7239/SMP 800-C	
热释放量(焓) Heat release (Enthalpy)	20,9	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	好 good		IS FIP	可达 10 年 up to 10 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
橙色 / orange RAL2003	NW		ID	外径 / OD	stat. R.	dyn. R.	m
2PDSM-0702.50	07	M	6,3	10,0	20	40	50
2PDSM-1002.50	10	M	8,8	13,5	25	50	50
2PDSM-1102.50	11	M	11,0	16,1	25	50	50
2PDSM-1402.50	14	M	13,2	18,7	30	60	50
2PDSM-1602.50	16	M	16,0	21,5	35	70	50
2PDSM-2002.50	20	M	20,2	25,7	45	90	50
2PDSM-2302.50	23	M	23,9	31,3	55	110	50
2PDSM-2902.25	29	M	27,3	35,5	105	210	25
2PDSM-3702.25	37	M	32,5	43,0	130	260	25
2PDSM-4502.25	45	M	43,1	54,2	135	270	25
2PDSM-7002.10	70	M	67,0	79,8	175	350	10
2PDSM-10002.10	100	M	87,5	102,5	195	390	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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The provided data, images and technical specification drawings reflect the current engineering level and are to the best of our knowledge. This does not include any liability regarding the final application. Users of the products have to make their own evaluation to determine the suitability for a specific application. Our liability for these products considers the stated level within our General Conditions only. FRAENKISCHE Industrial Pipes (FIP) reserves the right to adjust specified data and values as well as implementing technical adjustments of the products e. g. change of materials and processing technologies without prior notice as long as the specified values are not reduced.