

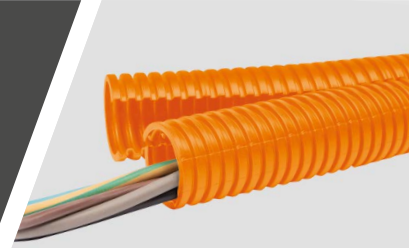
2PDS-O

可分型双层波纹管

Divisible corrugated conduit

+110°C +230°F
-50°C -58°F

Material: PA12 MOD BS 橙色/orange
色号 RAL2003 / similar to RAL2003



- 用于线缆线束需要单独标记的情况
- 自熄, 不含卤素和镉
- 耐候性能优异
- 动态抗疲劳性能优异
- 双层结构提供了更高的抗冲击性能

- for applications in which cables or wires have to be marked separately
- self-extinguishing, free of halogen and cadmium
- excellent weathering performances
- very good fatigue strength
- double shell conduit properly overlaps and provides enhanced cable protection against external impacts

温度范围 / Temperature range

弯曲性能 / 柔韧性 / Flexibility/Ductility

动态性能 / Dynamic

防火性能 / Fire precaution performance

耐化学品性能 / Chemical resistance

耐候性 / Resistance to weathering

min.		max.	
■	■	■	■
■	■	■	■
■	■	■	■
■	■	■	■
■	■	■	■
■	■	■	■



产品号 Part No. ¹⁾	名义尺寸 Nominal width	波型 Profile ²⁾	尺寸 Dimensions in mm (nom.) ³⁾		弯曲半径 Bending radius in mm		包装单元 PU m
			内径 / ID	外径 / OD	stat. R.	dyn. R.	
橙色色号 RAL2003 / similar to RAL2003	NW						
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

您可以通过以下地址查询更多的技术信息 / You can find more technical information here

CADENAS – 产品CAD数据目录 / eCATALOGsolutions electronic CAD catalog: <https://fraenkische-ip.partcommunity.com>

¹⁾ FIPSPLIT® 波纹管编码规则 / Part numbering key for FIPSPLIT® corrugated conduits: www.fraenkische-ip.com/fipsplit-part-no

²⁾ 波纹管波型 / Conduit profiles: www.fraenkische-ip.com/fipsystems-profiles

³⁾ 英制尺寸转换 / Conversion to inch: www.fraenkische-ip.com/fipsystems-conversion-inch



2PDS-O 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	推荐值 / Recommendation
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		DIN EN ISO 63355:2023-08	
阻燃等级 / Fire classification	V2		UL 94	
氧指数 / Oxygen index	>32	%	EN ISO 4589-2	
火灾危害等级 / Fire hazardous level	HL2 R22 / HL3 R23		EN45545-2	
垂直燃烧测试 / Vertical burning behavior	Vi<100 自熄 Vi<100 self-extinguishing	mm/min	EN ISO 6941:2003	ECE R-118-02 附录 8 ECE R-118-02 annex 8
耐候性 / Weathering performances				
UV- 及耐候性能 UV and weathering performance	好 good		IS FIP	10 年 up to 10 years

测试条件参照EN ISO 139, 温度 23°C / 湿度50% r. h. (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 differently). IS FIP = Internal Specification FIP

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