

2PPS-U

可分型双层波纹管

Divisible corrugated conduit

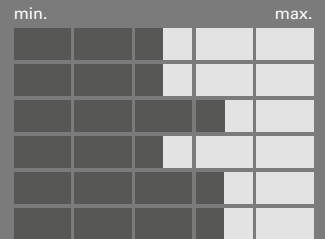
+105°C +221°F
-40°C -40°F

Material: PP MOD BS UV



- 自熄, 不含卤素和镉
- 很好的耐UV及耐候性能
- 抗疲劳性能好
- 双层结构提供了更高的抗冲击性能
- self-extinguishing, free of halogen and cadmium
- good UV and weathering performances
- 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



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
			内径 / ID	外径 / OD		
黑色 / black	NW				stat. R.	m
2PPSM-07U.50	07	M	6,3	10,0	20	50
2PPSM-10U.50	10	M	8,4	13,4	25	50
2PPSM-11U.50	11	M	11,0	16,1	30	50
2PPSM-14U.50	14	M	12,5	18,5	35	50
2PPSM-16U.50	16	M	16,0	21,5	40	50
2PPSM-20U.50	20	M	19,2	25,3	45	50
2PPSM-23U.50	23	M	23,4	30,8	50	50
2PPSM-29U.25	29	M	27,3	35,5	90	25
2PPSM-37U.25	37	M	31,0	41,4	110	25
2PPSM-45U.25	45	M	42,7	54,0	130	25
2PPSM-70U.10	70	M	67,5	79,8	190	10
2PPSM-100U.10	100	M	87,5	102,5	210	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 / eCATALOG solutions 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



2PPS-U 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	-40 到 / to +105 -40 到 / to +221	°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	

应用性能 / Application performances				
石屑冲击测试 / Stone impact test	尺寸 4 – 5 mm / Size 4 – 5 mm		DIN EN ISO 20567-1:2017-07	2PPSM-20U

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	
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	非常好 very good		IS FIP	可达 20 年 up to 20 years
防锈测试 / Corrosion test	符合 / compliant		DIN EN ISO 9227:2017-07 DIN EN ISO 13018:2016-06	2PPSM-20U
耐候测试 / Weathering test	符合 / resistant		DIN EN ISO 4892-2: 2013-06	5000h

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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