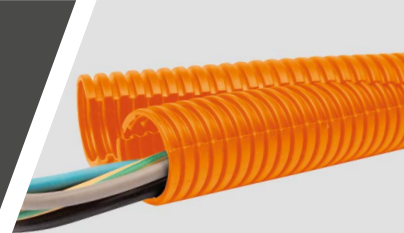


## 2PPS-O

可分型双层波纹管  
Divisible corrugated conduit

+105°C +221°F  
-40°C -40°F

Material: PP 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
  - 良好的耐候性能
  - 良好的抗疲劳性能
  - 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
  - average to good 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

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



产品号 Part No. <sup>1)</sup>	名义尺寸 Nominal width	波型 Profile <sup>2)</sup>	尺寸 Dimensions in mm (nom.) <sup>3)</sup>		弯曲半径 Bending radius in mm	包装单元 PU
			内径 / ID	外径 / OD		
橙色色号 RAL2003 / similar to RAL2003	NW				stat. R.	m
2PPSM-0702.50	07	M	6,3	10,0	20	50
2PPSM-1002.50	10	M	8,4	13,4	25	50
2PPSM-1102.50	11	M	11,0	16,1	30	50
2PPSM-1402.50	14	M	12,5	18,5	35	50
2PPSM-1602.50	16	M	16,0	21,5	40	50
2PPSM-2002.50	20	M	19,2	25,3	45	50
2PPSM-2302.50	23	M	23,4	30,8	50	50
2PPSM-2902.25	29	M	27,3	35,5	90	25
2PPSM-3702.25	37	M	31,0	41,4	110	25
2PPSM-4502.25	45	M	42,7	54,0	130	25
2PPSM-7002.10	70	M	67,5	79,8	190	10
2PPSM-10002.10	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 / eCATALOGsolutions electronic CAD catalog: <https://fraenkische-ip.partcommunity.com>

<sup>1)</sup> FIPSPLIT® 波纹管编码规则 / Part numbering key for FIPSPLIT® corrugated conduits: [www.fraenkische-ip.com/fipsplit-part-no](http://www.fraenkische-ip.com/fipsplit-part-no)

<sup>2)</sup> 波纹管波型 / Conduit profiles: [www.fraenkische-ip.com/fipsystems-profiles](http://www.fraenkische-ip.com/fipsystems-profiles)

<sup>3)</sup> 英制尺寸转换 / Conversion to inch: [www.fraenkische-ip.com/fipsystems-conversion-inch](http://www.fraenkische-ip.com/fipsystems-conversion-inch)



## 2PPS-O 产品性能 / Product performances

应用性能 <i>Application performances</i>	特性 <i>Characteristics</i>	单位 <i>Unit</i>	规范标准 <i>Standards, specifications</i>	备注 <i>Remark</i>
温度范围 / <i>Temperature range</i>	-40 到 / <i>to</i> +105 -40 到 / <i>to</i> +221	°C °F	IS FIP	
填充率 (最大) / <i>Filling ratio (max.)</i>	70	%	IS FIP	推荐值 / <i>Recommendation</i>
<b>机械性能 / <i>Mechanical performances</i></b>				
峰值负载 / <i>Peak load value</i>	320	N	IS FIP	
<b>防火性能 / <i>Fire safety performances</i></b>				
不含卤素和镉 / <i>Free from halogens and cadmium</i>	是 / <i>yes</i>		DIN EN ISO 63355:2023-08	
阻燃等级 / <i>Fire classification</i>	V2		UL 94	
垂直燃烧测试 / <i>Vertical burning behavior</i>	Vi<100 自熄 <i>Vi&lt;100 self-extinguishing</i>	mm/min	EN ISO 6941:2003	ECE R-118-02 附录 8 <i>ECE R-118-02 annex 8</i>
<b>耐候性 / <i>Weathering performances</i></b>				
UV-及耐候性能 <i>UV and weathering performance</i>	好 <i>good</i>		IS FIP	5 到 8 年 <i>5 to 8 years</i>
耐候测试 / <i>Weathering test</i>	符合 / <i>resistant</i>		DIN EN ISO 4892-2: 2013-07	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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