

2PAS

可分型双层波纹管
Divisible corrugated conduit

+120°C +248°F
-50°C -58°F

Material: PA6 MOD BS



- 自熄, 不含卤素和镉
 - 抗疲劳性能好
 - 机械性能好
 - 防火性能好
 - 耐候性能良好
 - 双层结构提供了更高的抗冲击性能
- self-extinguishing, free of halogen and cadmium
 - good fatigue strength
 - good mechanical performances
 - good fire safety performances
 - average to good weathering performances
 - 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	
黑色 / black	灰色 / grey	NW		内径 / ID	外径 / OD	stat. R.				m	
2PASM-07B.50	2PASM-07G.50	07	M	6,3	10,0	25				50	
2PASM-10B.50	2PASM-10G.50	10	M	8,8	13,5	30				50	
2PASM-11B.50	2PASM-11G.50	11	M	11,0	16,1	30				50	
2PASM-14B.50	2PASM-14G.50	14	M	13,2	18,7	35				50	
2PASM-16B.50	2PASM-16G.50	16	M	16,0	21,5	40				50	
2PASM-20B.50	2PASM-20G.50	20	M	20,2	25,7	50				50	
2PASM-23B.50	2PASM-23G.50	23	M	23,9	31,3	60				50	
2PASM-29B.25	2PASM-29G.25	29	M	27,3	35,5	110				25	
2PASM-37B.25	2PASM-37G.25	37	M	32,5	43,2	135				25	
2PASM-45B.25	2PASM-45G.25	45	M	43,1	54,2	140				25	
2PASM-70B.10	2PASM-70G.10	70	M	67,0	79,8	180				10	
2PASM-100B.10	2PASM-100G.10	100	M	87,5	102,5	200				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



2PAS 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>	-50 到 / to +120 -58 到 / to +248	°C °F	IS FIP	
填充率 (最大) / <i>Filling ratio (max.)</i>	70	%	IS FIP	推荐值 / <i>Recommendation</i>

机械性能 / <i>Mechanical performances</i>				
峰值负载 / <i>Peak load value</i>	320	N	IS FIP	

防火性能 / <i>Fire safety performances</i>				
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 (V0)		UL 94	
氧指数 / <i>Oxygen index</i>	>32	%	EN ISO 4589-2	
灼热丝测试 / <i>Glow wire test</i>	900 / 1652	°C / °F	IEC-60695-2-12	0,9 mm
火灾危害等级 / <i>Fire hazardous level</i>	HL2 R22 / HL3 R23		EN45545-2	
火焰蔓延 / <i>Spread of fire</i>	非火焰蔓延 <i>non flame propagating</i>		IEC EN 61386	
垂直燃烧测试 / <i>Vertical burning behavior</i>	Vi<100 自熄 <i>Vi<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>

耐候性 / <i>Weathering performances</i>				
UV- 及耐候性能 <i>UV and weathering performance</i>	良好 <i>average to good</i>		IS FIP	5 到 10 年 <i>5 to 10 years</i>

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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