

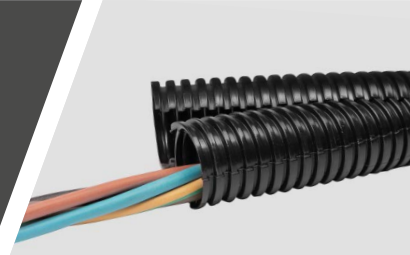
2PAF

可分型双层波纹管

Slit, overlapping corrugated conduit

+120°C +248°F
-50°C -58°F

Material: PA6 MOD V0



- 自熄, 不含卤素和镉
- 良好的耐UV及耐候性能
- 良好的抗疲劳性能
- 良好的耐化学品性能
- 防火性能优异
- 双层结构提供了更高的抗冲击性能

- self-extinguishing, free of halogen and cadmium
- average to good weathering performances
- good fatigue strength
- good mechanical performances
- excellent fire safety 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
			内径 / ID	外径 / OD		
黑色 / black	NW				stat. R.	m
2PAFM-07B.50	07	M	6,3	10,0	25	50
2PAFM-10B.50	10	M	8,8	13,5	30	50
2PAFM-11B.50	11	M	11,0	16,1	30	50
2PAFM-14B.50	14	M	13,2	18,7	35	50
2PAFM-16B.50	16	M	16,0	21,5	40	50
2PAFM-20B.50	20	M	20,2	25,7	50	50
2PAFM-23B.50	23	M	23,9	31,3	60	50
2PAFM-29B.25	29	M	27,3	35,5	110	25
2PAFM-37B.25	37	M	32,5	43,2	135	25
2PAFM-45B.25	45	M	43,1	54,2	140	25
2PAFM-70B.10	70	M	67,0	79,8	180	10
2PAFM-100B.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



2PAF 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 +120 -58 到 / to +248	°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	IEC EN 61386	-45°C / -49°F
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	2PAFM-20B
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	V0 (V2)		UL 94	
氧指数 / Oxygen index	>35	%	EN ISO 4589-2	
灼热丝测试 / Glow wire test	960 / 1760	°C / °F	IEC-60695-2-12	0,9 mm
火灾危害等级 / Fire hazardous level	HL3 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	良好 average to good		IS FIP	5 到 10 年 5 to 10 years
防锈测试 Corrosion test	符合 / compliant		DIN EN ISO 9227:2017-07 DIN EN ISO 13018:2016-06	2PAFM-20B

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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