

FPAF-A

波纹管

Corrugated conduit

+120°C +248°F
-50°C -58°F

Material: PA6 MOD V0 蓝色/blue
色号 RAL5015 / similar to RAL5015



- 不含卤素和镉
- 阻燃性能优异
- 防火性能优异
- 耐化学品性能好
- 用于对管子防火性能要求比较高并且线束需要特殊标记的情况

- free of halogen and cadmium
- excellent self-extinguishing
- low fire hazard characteristics
- good chemical resistance
- for applications with a high demand for fire safety performances and in which cables or wires have to be marked separately

温度范围 / Temperature range

弯曲性能 / 柔韧性 / Flexibility/Ductility

动态性能 / Dynamic

机械防护性能 / Mechanical protection

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
	NW	metr.		内径 / ID	外径 / OD		
蓝色 RAL5015 / blue similar to RAL5015						stat. R.	m
FPAFF-07A3.50	07	10	F	6,2	10,0	15	50
FPAFF-10A3.50	10	12	F	9,6	12,8	20	50
FPAFF-12A3.50	12	16	F	12,0	15,7	30	50
FPAFC-17A3.50	17	20	C	16,1	21,1	35	50
FPAFC-23A3.50	23	25	C	22,0	28,4	40	50
FPAFC-29A3.50	29	32	C	28,3	34,5	50	50
FPAFC-36A3.25	36	40	C	35,8	42,2	55	25
FPAFC-48A3.25	48	50	C	46,7	53,8	65	25
FPAFC-56A3.25	56	68	C	56,3	67,2	100	25
FPAFC-70A3.25	70	80	C	67,2	79,6	130	25
FPAFC-95A3.10	95	106	C	91,3	106,0	170	10
FPAFC-125A3.10	125	146	C	126,5	146,5	380	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⁾ FIPLOCK® 波纹管编码规则 / Part numbering key for FIPLOCK® corrugated conduits: www.fraenkische-ip.com/fiplock-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



FPAF-A 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	
温度 (短周期) / Temperature (short-term)	150 (500 h); 165 (100 h) 302 (500 h); 329 (100 h)	°C °F	IS FIP	

机械性能 / Mechanical performances				
冲击强度 / Impact strength	6	J	IS FIP	23 °C
冲击强度 / Impact strength	2	J	IS FIP	-25 °C
冲击强度 / Impact strength	1J/2J	Joule	FIP-ISTR-1601	-50°C bis / -58°F
峰值负载 / Peak load value	320	N	IS FIP	NW17
拔脱强度 / Pull out strength	500	N	IS FIP	23°C FIPLOCK ONE NW17

防火性能 / Fire safety performances				
不含卤素和镉 / Free from halogens and cadmium	是 / yes			
阻燃等级 / Fire classification	V0		UL 94	
防火特性 / Fire characteristics	自熄 self-extinguishing		UL1696	
氧指数 / Oxygen index	>35	%	EN ISO 4589-2	
火灾危害等级 / Fire hazardous level	HL3 R22 / HL3 R23		EN45545-2	

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

测试条件参照EN ISO 139 , 温度 23°C / 湿度50% r. F. (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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