

FPAS-O

波纹管

Corrugated conduit

+120°C +248°F
-50°C -58°F

Material: PA6 MOD BS 橙色/orange
色号 RAL2003 / similar to RAL2003



- 可用于各种线缆束保护应用
 - 用于特殊线缆束的标记
 - 自熄, 不含卤素和镉
 - 优异的抗冲击性能, 及抗压性能
 - 弯曲性能好
 - 防火性能好
- Allrounder for various cable protection applications
 - for marking wiring
 - self-extinguishing, free of halogen and cadmium
 - excellent impact resistance, compression strength
 - good flexibility quality
 - very good fire characteristics

温度范围 / Temperature range
弯曲性能 / 柔性 / 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		接头系统 Fitting system	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		
橙色 RAL2003 / similar to RAL2003								
FPASF-0702.50	07	10	FIPLOCK® ONE	F	6,2	10,0	15	50
FPASF-1002.50	10	12		F	9,6	12,8	20	50
FPASF-1202.50	12	16		F	12,0	15,7	30	50
FPASF-1702.50	17	20		F	16,6	21,1	35	50
FPASF-2302.50	23	25		F	22,6	28,4	40	50
FPASF-2902.50	29	32		F	29,0	34,5	50	50
FPASF-3602.25	36	40		F	36,5	42,4	55	25
FPASF-4802.25	48	50		F	47,5	54,4	65	25
FPASC-1702.50	17	20		C	16,1	21,1	35	50
FPASC-2302.50	23	25		C	22,4	28,5	40	50
FPASC-2902.50	29	32		C	28,3	34,7	50	50
FPASC-3602.25	36	40		C	35,8	42,4	55	25
FPASC-4802.25	48	50		C	46,7	54,5	65	25
FPASC-5602.25	56	68		C	56,3	67,2	100	25
FPASC-7002-25	70	80	FIPLOCK® XL	C	67,2	79,6	130	25
FPASC-9502.10	95	106		C	91,9	106,0	170	10
FPASC-12502.10	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

产品认证报告基于 FPASF NW 07–48 及 FPASF NW 17–48 连接 FIPLOCK® ONE 管接头。

Recognised Component certification is valid for FPASF NW 07–48 and FPASC NW 17–48 in connection with FIPLOCK® ONE fittings.



FPAS-O 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	参照 IEC EN 61386 according to IEC EN 61386	弯曲性能 / flexible
温度 (短周期) / Temperature (short-term)	150 (500 h); 165 (100 h) 302 (500 h); 329 (100 h)	°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				
冲击强度 / Impact strength	6	J	IS FIP	23°C / 73,4°F
冲击强度 / Impact strength	2	J	IS FIP	-45°C / -49°F
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	参照 IEC EN 61386 according to IEC EN 61386	
拔脱强度 / Pull out strength	500	N	参照 IEC EN 61386 according to IEC EN 61386	NW17 配合 / with ASPA-17M25PB

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	
氧指数 / Oxygen index	>32	%	EN ISO 4589-2	
火灾危害等级 / Fire hazardous level	HL3 R22/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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