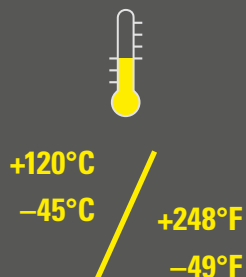
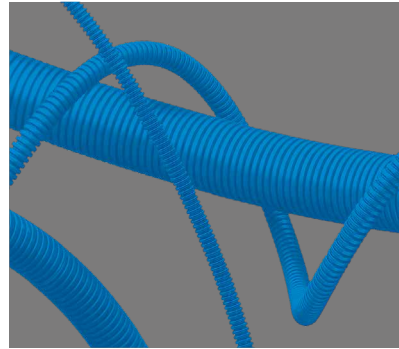


FPAF-A

具有优异防火性能的波纹管

Corrugated conduit with excellent fire protection characteristics



Material: PA6 MOD V0 蓝色

FPAF-A波纹管是由高阻燃改性尼龙6制成。适用于对防火要求比较高的场合。此产品具有优异的自熄性能及低烟性能, 优异的机械保护性能, 非常适合铁路及公共运输设备等领域高技术要求的场合。

Material: PA6 MOD V0 blue

The FPAF-A conduit is made from highly flame retarded specially modified Polyamide 6. It is suitable for cable protection applications where low fire hazard is mandatory. The excellent self-extinguishing and low smoke generation characteristics are main criterions for the selection of these products. With its good complementary mechanical performances this conduit suits technically high demanding applications such like rolling stock and public transport equipment in general.

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	-45 到 / to +120 -49 到 / to +248	°C °F	IS FIP	
温度 (短周期) Temperatur (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
峰值负载 Peak load value	320	N	IS FIP	
拔脱强度 Pull out strength	500	N	IS FIP	23°C FIPLOCK ONE NW 17
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	
产品防火性能 Fire characteristic of the product	自熄 self-extinguishing		UL 1696	
易燃性 Flammability	自熄 self-extinguishing		FMVSS 302	
氧指数 Oxygen index	>35	%	EN ISO 4589-2	
灼热丝测试 Glow wire test	960 1760	°C °F	IEC 60695	
火灾危害等级 Fire hazardous level	HL2 R22 HL3 R23		EN45545-2	
火焰蔓延 Spread of fire	非火焰蔓延 non flame propagating		IEC EN 61386	
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

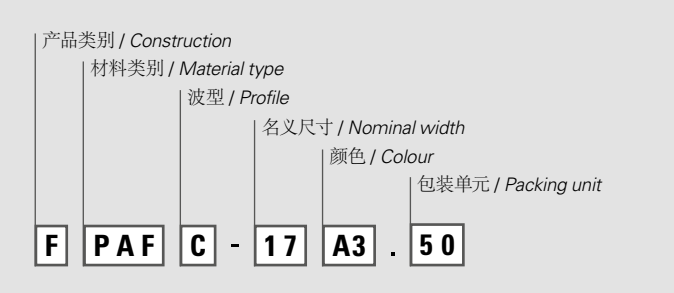
测试条件参照EN ISO 139, 温度23°C, 湿度 50%(如未注明测试条件)。IS FIP = FIP内部测试规范。

Tests carried out acc. EN ISO 139 at 23°C / 50% r. h. (if not indicated different). IS FIP = Internal Specification FIP

产品号 Part No.	名义尺寸 Nominal width		波型 Profile	尺寸 (mm) Dimensions in mm (nom.)		弯曲半径 (mm) Bending radius in mm	包装单元 PU
蓝色色号 RAL5015 / blue similar to RAL5015	NW	metr.		ID	外径 / OD	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

关于产品库存, 交期, 尺寸及颜色等问题请联系我们本地的经销商或客服。
Please contact our local distribution partner or our customer service regarding product availability, lead time, other sizes and colours.

产品代码 / Number code:





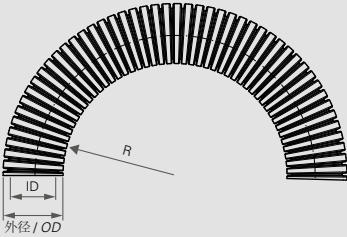
细波形 F / Fine profile F

更小的弯曲半径 / Tight bending radius



粗波形 C / Coarse profile C

更高的拔脱强度 / High pull-out strength



弯曲半径 / Bending radius

stat. R = 用于静态安装使用的最小弯曲半径
lowest recommended bending radius for static (fixed) installation

dyn. R = 用于动态安装使用的最小弯曲半径
lowest recommended bending radius for dynamic (flexible) installation

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The provided data, images and technical specification drawings reflect the current engineering level and are to the best of our knowledge. This does not include any liability regarding the final application. Users of the products have to make their own evaluation to determine the suitability for a specific application. Our liability for these products considers the stated level within our General Conditions only. FRAENKISCHE Industrial Pipes (FIP) reserves the right to adjust specified data and values as well as implementing technical adjustments of the products e. g. change of materials and processing technologies without prior notice as long as the specified values are not reduced.

系统解决方案 / *The system solution:*

FIPLOCK® ONE – One fits all

- 预装状态，拿来即用 / *pre-assembled and ready to fit*
- 易选型 / *easy selection*
- 易备库 / *lower storage effort*
- 易管理 / *little handling necessary*
- 易安装 / *faster installation*
- 省成本 / *cost saving*



FIPLOCK® XL

NEW

适用于NW56以上管径波纹管。

Also for cable conduits from nominal diameter 56.

更多信息:
Further information:



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www.fipsystems.com
的下载区下载。

*You will find all information
about our fittings in our
FIPLOCK® ONE brochure.
The brochure can be down-
loaded from the download
area on www.fipsystems.com*



有直型及90° 角度可
选。

*Available in straight
and 90° angle design.*

