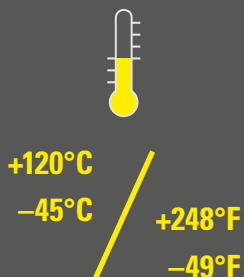
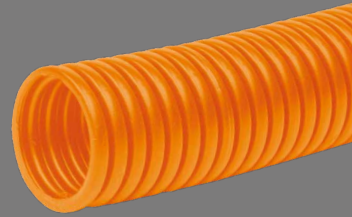


FPAS-O

波纹管 / Corrugated conduit

用于各种线束保护应用的橙色波纹管

Allrounder in orange for various cable protection applications



	min.					max.				
温度范围 Temperature range										
柔韧性 Flexibility/Ductility										
动态性能 Dynamic										
机械保护性能 Mechanical protection										
防火性能 Fire precaution performance										
耐化学性 Chemical resistance										
耐候性 Resistance to weathering										

Material: PA6 MOD BS 橙色/色号 RAL2003

FPAS-O 由特殊改性尼龙6材料制成, 适用于各种线束保护应用领域。防火性能优异。材料自熄且不含卤素和镉。抗冲击及抗压性能优异, 满足各种线缆线束需要特别标记的场合的应用要求。

Material: PA6 MOD BS orange according to RAL2003

The corrugated conduit FPAS-O is made of specially modified Polyamide 6 and is suitable for various cable protection applications. The "allrounder" provides very good fire characteristics. The material is self-extinguishing and free of halogen and cadmium. Excellent impact resistance, compression strength and good flexibility qualify the product for demanding applications in which cables or wires have to be marked separately.

FPAS-0

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	参照 IEC EN 61386 according to IEC EN61386	易弯曲 flexible
温度 (短周期) Temperatur (short-term)	150 (500 h); 165 (100 h) 302 (500 h); 329 (165 h)	°C °F	IS FIP	
填充率 (最大) Filling ratio (max.)	70	%	IS FIP	推荐 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
峰值负载 Peak load value	320	N	参照 IEC EN 61386 according to IEC EN61386	
拔脱力 Pull out strength	500	N	参照 IEC EN 61386 according to IEC EN61386	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			
阻燃等级 Fire classification	V2 (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	>32	%	EN ISO 4589-2	
灼热丝测试 Glow wire test	850 1562	°C °F	IEC 60695	
火灾危害等级 Fire hazardous level	HL3 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 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		接头系统 Fitting system	波型 Profile	尺寸 (mm)* Dimensions in mm (nom.)*		弯曲半径 (mm) Bending radius in mm	包装单元 PU
orange	NW	metr.			ID	外径 / OD	stat. R.	m
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	FIPLOCK® XL	C	56,3	67,2	100	25
FPASC-7002.25	70	80		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

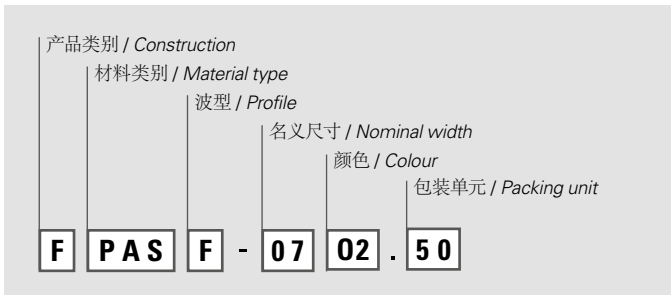
关于产品库存, 交期, 尺寸及颜色等问题请联系我们本地的经销商或客服。

Please contact our local distribution partner or our customer service regarding product availability, lead time, other sizes and colours.

* 请参照 PM sheet www.fraenkische.com/pm-sheet-inch 查询英制尺寸

Please refer to the according PM sheet via www.fraenkische.com/pm-sheet-inch for the measurements in inch.

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

我们尽我们的知识水平所提供的数据, 图像和技术规格图反映了当前的工程技术水平。这并不包含对最后应用有关的任何责任。产品用户需根据应用进行自己的评估, 以确定产品是否符合特殊的应用条件。我们对产品的责任只考虑一般规定条件下的水平。FIP保留对产品数据和数值进行技术调整的权力。例如更改材料和加工工艺, 在保证产品性能数值不下降的情况下不会另行通知。

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-
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area on www.fipsystems.com*



有直型及90° 角度可
选。

*Available in straight
and 90° angle design.*

