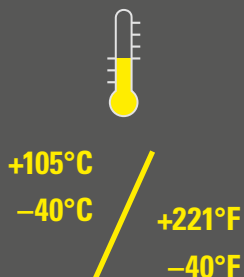
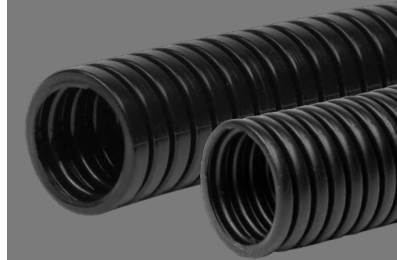


FPPS-U

用于户外应用的标准波纹管

Corrugated conduit for versatile outdoor applications



材料: PP MOD BS UV

波纹管FPPS-U 由特殊改性含UV稳定剂的PP材料制成, 特别适合用于户外线缆保护的应用场合。产品不含卤素且无镉, 阻燃性能好, 对各种强力化学品由很强的抵抗力, 因此可适用于多种用途。特别适合用于轨旁应用及光伏产业。

Material: PP MOD BS UV

The FPPS-U conduit made of specially modified Polypropylene is specially UV stabilized and suitable for outdoor cable protection applications. The halogen and cadmium free flame retardant product is also very resistant against various strong chemicals and therefore applicable for versatile requirements, especially on track side applications and in the area of solar industry.

FPPS-U

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	-40 到 / to +105 -40 到 / to +221	°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	
填充率 (最大) Filling ratio (max.)	70	%	IS FIP	
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	-25°C / -13°F
峰值负载 Peak load value	320	N	IS FIP	
拔脱强度 Pull out strength	500	N	IS FIP	23°C / 73,4°F 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	V2		UL 94	
产品防火特性 Fire characteristic of the product	自熄 self-extinguishing		UL 1696	
易燃性 Flammability	自熄 self-extinguishing		FMVSS 302	
火焰蔓延 Spread of fire	非火焰蔓延 non flame propagating		IEC EN 61386	
垂直燃烧测试 Vertical burning behavior	Vi<100 自熄 / self-extinguishing	mm/min	EN ISO 6941:2003	ECE R-118-02 附件 8 / annex 8
耐候性 / Weathering performances				
加速老化试验 Accelerated weathering test	符合 compliant		Xenotest X1200	8000/12000h
UV及耐候性 UV and weathering performance	非常好 very good		IS FIP	可达20年 up to 20 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 Bending radius in mm		包装单元 PU
黑色 / black	NW	metr.		ID	外径 / OD	stat. R	dyn. R.	m
FPPSF-07U.50	07	10	F	6,6	10,0	15	40	50
FPPSF-10U.50	10	12	F	9,8	12,8	20	45	50
FPPSF-12U.50	12	16	F	12,3	15,7	25	65	50
FPPSF-17U.50	17	20	F	16,6	21,1	30	70	50
FPPSF-23U.50	23	25	F	23,1	28,4	35	90	50
FPPSF-29U.50	29	32	F	28,9	34,5	45	110	50
FPPSF-36U.25	36	40	F	36,5	42,4	60	170	25
FPPSF-48U.25	48	50	F	47,5	54,4	70	185	25
FPPSC-56U.25	56	68	C	56,3	67,2	100	270	25
FPPSC-70U.25	70	80	C	67,2	79,6	135	340	25
FPPSC-95U.10	95	106	C	91,3	106,0	150	440	10
FPPSC-125U.10	125	146	C	126,5	146,5	320	480	10
FPPSC-170U.A	170	193	C	172,0	193,0	520	—	A

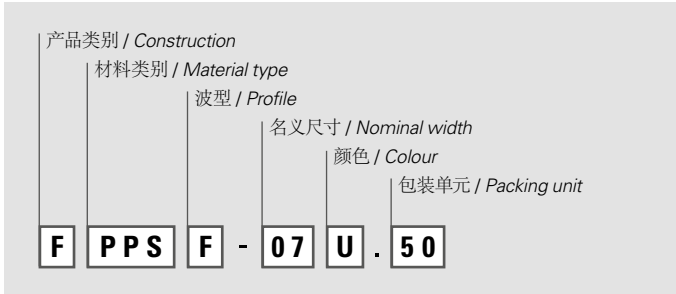
关于产品库存, 交期, 尺寸及颜色等问题请联系我们本地的经销商或客服。

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.

A = 客户定制 / customized

产品代码 / Number code:



细波型 F / Fine profile F

更小的弯曲半径 / Tight bending radius

粗波型 C / Coarse profile C

更高的拔脱强度 / High pull-out strength

弯曲半径 / Bending radius

stat. R = 静态安装最小弯曲半径
lowest recommended bending radius for static (fixed) installation

dyn. R = 动态安装最小弯曲半径
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*



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

