


FPPO

波纹管

Corrugated conduit

+105°C
-40°C



+221°F
-40°F

Material: PP MOD



- 用于有轻度动态运动场合的波纹管
- 自熄, 不含卤素和镉
- 良好的动态抗疲劳性能
- 优异的耐化学品性能
- 良好的耐候性能

- corrugated conduit for light dynamic applications
- self-extinguishing, free of halogen and cadmium
- good dynamic fatigue
- very good chemical resistance
- good weathering performances

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	stat. R.	dyn. R.	
黑色 / black			FIPLOCK® ONE	F					
FPPOF-07B.50	07	10			6,6	10,0	15	40	50
FPPOF-10B.50	10	12			9,8	12,8	20	45	50
FPPOF-12B.50	12	16			12,3	15,7	25	65	50
FPPOF-17B.50	17	20			16,6	21,1	30	70	50
FPPOF-23B.50	23	25			23,1	28,4	35	90	50
FPPOF-29B.50	29	32			28,9	34,5	45	110	50
FPPOF-36B.25	36	40			36,5	42,4	60	170	25
FPPOF-48B.25	48	50			47,5	54,4	70	185	25
FPPOC-56B.25	56	68	FIPLOCK® XL	C	56,3	67,2	100	270	25
FPPOC-70B.25	70	80			67,2	79,6	135	340	25
FPPOC-95B.10	95	106			91,3	106,0	150	440	10
FPPOC-125B.10	125	146			126,5	146,5	320	480	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



FPPO 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) / 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	-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		DIN EN ISO 63355:2023-08	
阻燃等级 / Fire classification	HB (V2)		依照 UL94 according to UL94	

耐候性 / Weathering performances				
加速老化测试 / Accelerated weathering test	符合 / compliant		IS FIP	Xenotest X1200
UV及耐候性能 UV and weathering performance	好 good		IS FIP	5 到 8 年 5 to 8 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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