

FPAC

标准波纹管

Corrugated conduit

+105°C
-50°C



+221°F
-58°F

Material: PA6 MOD BS C



- 标准波纹管, 适用低温要求的场合
- 自熄, 不含卤素和镉
- 柔韧性好
- 耐化学品性能好
- 在低温工况下仍具有非常好的机械防护性能

- corrugated conduit suitable also at low temperatures
- self-extinguishing, free of halogen and cadmium
- good flexibility quality
- good chemical resistance
- very good mechanical characteristics at very low temperature

温度范围 / Temperature range
 弯曲性能 / 柔韧性 / 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	包装单元 PU
黑色 / black	灰色 / grey	NW	metr.			ID	外径 / OD		
FPACF-07B.50	FPACF-07G.50	07	10	FIPLOCK® ONE	F	6,2	10,0	15	50
FPACF-10B.50	FPACF-10G.50	10	12		F	9,6	12,8	20	50
FPACF-12B.50	FPACF-12G.50	12	16		F	12,0	15,7	30	50
FPACF-17B.50	FPACF-17G.50	17	20		F	16,6	21,1	35	50
FPACF-23B.50	FPACF-23G.50	23	25		F	22,6	28,4	40	50
FPACF-29B.50	FPACF-29G.50	29	32		F	29,0	34,5	50	50
FPACF-36B.25	FPACF-36G.25	36	40		F	34,0	42,2	55	25
FPACF-48B.25	FPACF-48G.25	48	50		F	45,6	53,8	65	25
FPACC-17B.50	FPACC-17G.50	17	20		C	16,1	21,1	35	50
FPACC-23B.50	FPACC-23G.50	23	25		C	22,4	28,5	40	50
FPACC-29B.50	FPACC-29G.50	29	32		C	28,3	34,7	50	50
FPACC-36B.25	FPACC-36G.25	36	40		C	35,8	42,4	55	25
FPACC-48B.25	FPACC-48G.25	48	50		C	46,7	54,5	65	25
FPACC-56B.25	FPACC-56G.25	56	68		C	56,3	67,2	100	25
FPACC-70B.25	FPACC-70G.25	70	80	FIPLOCK® XL	C	67,2	79,6	130	25
FPACC-95B.10	FPACC-95G.10	95	106		C	91,3	106,0	170	10
FPACC-125B.10	FPACC-125G.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 / eCATALOGsolutions 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 FPACF NW 07 – 48 和 FPACC NW 17 – 48 黑色及灰色可与 FIPLOCK® ONE 连接。

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



FPAC 产品性能 / Product performances

应用性能 <i>Application performances</i>	特性 <i>Characteristics</i>	单位 <i>Unit</i>	规范标准 <i>Standards, specifications</i>	备注 <i>Remark</i>
温度范围 / <i>Temperature range</i>	-50 到 / <i>to</i> +105 -58 到 / <i>to</i> +221	°C °F	IS FIP	
温度 (短周期) / <i>Temperature (short-term)</i>	150 (500 h); 165 (100 h) 302 (500h); 329 (100h)	°C °F	IS FIP	
填充率 (最大) / <i>Filling ratio (max.)</i>	70	%	IS FIP	推荐值 / <i>Recommendation</i>

机械性能 / <i>Mechanical performances</i>				
冲击强度 / <i>Impact strength</i>	6	J	IS FIP	23°C / 73,4°F
冲击强度 / <i>Impact strength</i>	2	J	IS FIP	-45°C / -49°F
峰值负载 / <i>Peak load value</i>	320	N	IS FIP	
拔脱力 / <i>Pull out strength</i>	500	N	IS FIP	23°C / 73,4°F FIPLOCK ONE NW 17

防火性能 / <i>Fire safety performances</i>				
不含卤素和镉 <i>Free from halogens and cadmium</i>	是 / <i>yes</i>			
阻燃等级 / <i>Fire classification</i>	V2		UL 94	
产品防火特性 / <i>Fire characteristic</i>	自熄 <i>self-extinguishing</i>		UL 1696	
灼热丝测试 / <i>Glow wire test</i>	850 1562	°C °F	IEC-60695	
火焰蔓延 / <i>Spread of fire</i>	非火焰蔓延 <i>non flame propagating</i>		IEC EN 61386	

耐候性 / <i>Weathering performances</i>				
UV- 及耐候性能 <i>UV and weathering performance</i>	好 <i>average to good</i>		IS FIP	5到10年 <i>5 to 10 years</i>

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

我们尽我们的知识水平所提供的数据, 图片和技术规格图档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要求自行进行评估。以确定产品是否符合特殊应用条件。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利。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.