

HPAC

厚壁型标准波纹管 Corrugated conduit

+105°C +221°F
-50°C -58°F

Material: PA6 MOD BS C



- 厚壁型标准波纹管, 适用低温要求的场合
 - 自熄, 不含卤素和镉
 - 用于静态应用
 - 抗冲击性能, 抗压性能优异
 - 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 in heavy version
 - self-extinguishing, free of halogen and cadmium
 - for static applications
 - excellent impact resistance, compression strength
 - good chemical resistance
 - very good mechanical characteristics at very low temperature

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.			ID	外径 / OD		
黑色 / black								
HPACF-07B.50	07	10	FIPLOCK® ONE	F	6,2	10,0	15	50
HPACF-10B.50	10	12		F	9,6	12,8	20	50
HPACF-12B.50	12	16		F	12,0	15,7	30	50
HPACC-17B.50	17	20	FIPLOCK® ONE	C	16,1	21,1	35	50
HPACC-23B.50	23	25		C	22,0	28,5	40	50
HPACC-29B.50	29	32		C	28,3	34,7	50	50
HPACC-36B.25	36	40		C	35,8	42,3	60	25
HPACC-48B.25	48	50		C	46,7	54,2	70	25

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

产品认证报告基于 HPACF NW 07 – 12 及 HPACC NW 17 – 48 波纹管可与 FIPLOCK® ONE 适配。

Recognised Component certification is valid for HPACF NW 07 – 12 and HPACC NW 17 – 48 in black color in connection with FIPLOCK® ONE fittings.



HPAC 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	-50 到 / to +105 -58 到 / to +221	°C °F	IS FIP	
温度 (短周期) / Temperature (short-term)	150 (500 h); 165 (100 h) 302 (500h); 329 (100h)	°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	-45°C / -49°F
峰值负载 / Peak load value	320	N	IS FIP	
拔脱力 / 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	自熄 self-extinguishing		UL 1696	
灼热丝测试 / Glow wire test	850 1562	°C °F	IEC-60695	
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% 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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