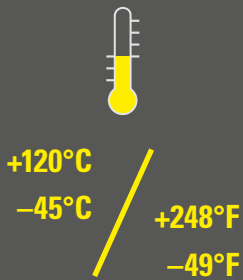


FPANH

高波型波纹管

Corrugated conduit, version high wave



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

材料: PA6 MOD

FPANH具有非常优异的柔韧性，并同时具备非常高的抗压强度。因此特别适用于空间有限或弯曲半径要求非常小的场合。产品由适用于线缆保护要求的特殊改性尼龙6材质制成。由于其极高的抗压强度及优异动态柔韧性，此产品推荐用于技术要求较高的机械设备制造安装及工厂建设应用。

Material: PA6 MOD

The high-waved conduit profile of the FPANH provides excellent pliability at still high compression strength. For tight bending requirements or limited space availability and low bending resistance requirements this product offers an excellent application engineering solution. The product is made of specially modified Polyamide 6 and suits specific cable protection requirements. With its high compression strength and excellent dynamic flexing performances, this product is recommended for demanding technical requirements within machine building, installation and plant engineering.

FPANH

产品性能 / Product performances

应用性能 / Application performances	特性 Characteristics	单位 Unit	标准规范 Standards, specifications	备注 Remark
温度范围 Temperature range	-45 到 / to +120 -49 到 / to +248	°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	4	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	
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	
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

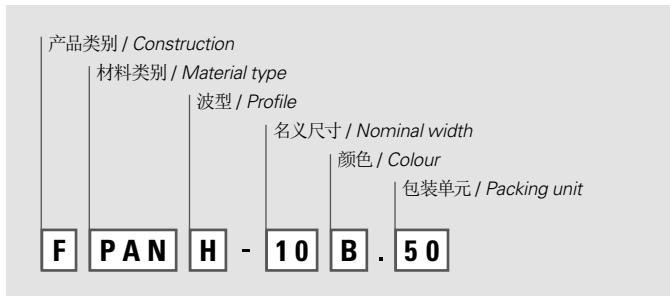
产品号. Part No.	名义尺寸 Nominal width		波型 Profile	尺寸 (mm.)* Dimensions in mm (nom.)*		弯曲半径 (mm) Bending radius in mm		单位 PU
	NW	metr.		ID	外径 / OD	stat. R.	dyn. R.	
FPANH-10B.50	10	12	H	8,5	12,9	12	30	50
FPANH-12B.50	12	16	H	11,1	15,7	15	40	50
FPANH-17B.50	17	20	H	15,0	21,2	20	50	50
FPANH-23B.50	23	25	H	23,4	28,7	40	100	50
FPANH-29B.50	29	32	H	29,3	33,9	50	125	50


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.

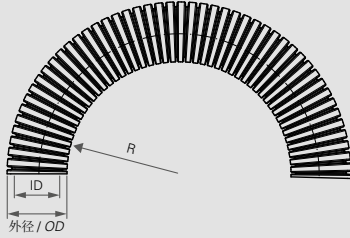
产品代码 / Number code:





高波型 H / Highwave H

低弯曲刚度
Low bending stiffness radius



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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