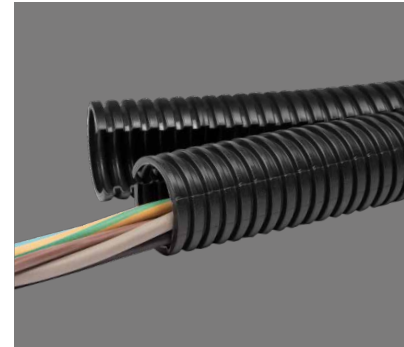


## 2PEN

可分型波纹管 / *Divisible corrugated conduit*

用于线缆捆扎及引线

*for bundling and leading wires*



+70°C

-40°C

+158°F

-104°F

	min.		max.	
温度范围 <i>Temperature range</i>	█	█	█	█
柔韧性 <i>Flexibility/Ductility</i>	█	█	█	█
动态性能 <i>Dynamic</i>	█	█	█	█
防火性能 <i>Fire precaution performance</i>	█	█	█	█
耐化学性 <i>Chemical resistance</i>	█	█	█	█
耐候性 <i>Resistance to weathering</i>	█	█	█	█

### Material: PE LD/HD

2PEN是非常理想的用于线缆束捆扎的解决方案,即便是已经安装好连接器的线束也非常适用。管路具有双层覆盖及可自动扣合结构,可以使内部线缆线束的捆扎变得非常整洁。

### Material: PE LD/HD

2PEN is the ideal solution for cables and wires to be bundled, even for already assembled cable harnesses, incl. mounted connectors. Due to the overlapping of the closable "double tube", inserted cables and wires are neatly bundled.

## 2PEN

### 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>	-40 到 / to +70 -104 到 / to +158	°C °F	IS FIP	
填充率(最大) <i>Filling ratio (max.)</i>	70	%	IS FIP	
<b>机械性能 / <i>Mechanical performances</i></b>				
峰值负载 <i>Peak load value</i>	125	N	参照标准 IEC EN 61386 <i>according to IEC EN 61386</i>	
<b>防火性能 / <i>Fire safety performances</i></b>				
不含卤素和镉 <i>Free from halogens and cadmium</i>	否 / <i>no</i>			
阻燃等级 <i>Fire classification</i>	HB		UL 94	
易燃性 <i>Flammability</i>	自熄 <i>self-extinguishing</i>		FMVSS 302	
<b>耐候性 / <i>Weathering performances</i></b>				
UV及耐候性 <i>UV and weathering performance</i>	平均 <i>marginal to average</i>		IS FIP	2 到 5 年 <i>2 to 5 years</i>

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

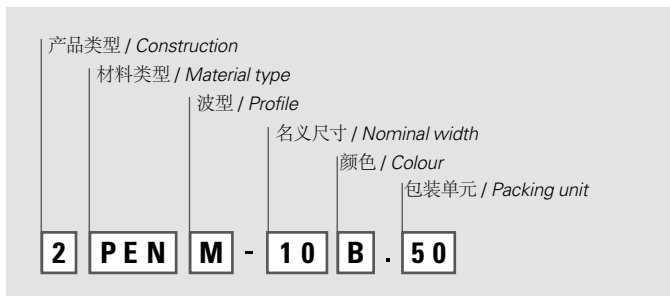
产品号 Part No.	名义尺寸 Nominal width	波型 Profile	尺寸 (mm.)* Dimensions in mm (nom.)*		弯曲半径 (mm) Bending radius in mm	包装单元 PU
			ID	外径 / OD		
黑色 / black	NW				stat. R.	m
2PENM-07B.50	07	M	6,3	10,0	20	50
2PENM-10B.50	10	M	8,4	13,4	25	50
2PENM-11B.50	11	M	11,0	16,1	30	50
2PENM-14B.50	14	M	12,5	18,5	35	50
2PENM-16B.50	16	M	16,0	21,5	40	50
2PENM-20B.50	20	M	19,2	25,3	45	50
2PENM-23B.50	23	M	23,4	30,8	50	50
2PENM-29B.25	29	M	27,3	35,5	90	25
2PENM-37B.25	37	M	31,0	41,4	110	25
2PENM-45B.25	45	M	42,7	54,0	130	25
2PENM-70B.10	70	M	67,5	79,8	190	10
2PENM-100B.10	100	M	87,5	102,5	210	10

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](http://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](http://www.fraenkische.com/pm-sheet-inch) for the measurements in inch.

## 产品代码 / Number code:



中间波型 M / Intermediate profile M

可分型 / Divisible

弯曲半径 / Bending radius

stat. R = 用于静态安装使用的最小弯曲半径  
lowest recommended bending radius for static (fixed) installation

dyn. R = 用于动态安装使用的最小弯曲半径  
lowest recommended bending radius for dynamic (flexible) installation

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