

## 2PAN

可分型双层波纹管

Divisible corrugated conduit

+120°C +248°F  
-45°C -49°F

Material: PA6 MOD



- 自熄, 不含卤素和镉
- 良好的耐UV及耐候性能
- 良好的抗疲劳性能
- 良好的耐化学品性能
- 双层结构提供了更高的抗冲击性能

- self-extinguishing, free of halogen and cadmium
- average to good weathering performances
- good fatigue strength
- good mechanical performances
- double shell conduit properly overlaps and provides enhanced cable protection against external impacts

温度范围 / Temperature range  
弯曲性能 / 柔性 / Flexibility/Ductility  
动态性能 / Dynamic  
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. <sup>1)</sup>		名义尺寸 Nominal width	波型 Profile <sup>2)</sup>	尺寸 Dimensions in mm (nom.) <sup>3)</sup>		弯曲半径 Bending radius in mm	包装单元 PU
黑色 / black	灰色 / grey	NW		内径 / ID	外径 / OD	stat. R.	m
2PANM-07B.50	2PANM-07G.50	07	M	6,3	10,0	15	50
2PANM-10B.50	2PANM-10G.50	10	M	8,8	13,5	15	50
2PANM-11B.50	2PANM-11G.50	11	M	11,0	16,1	15	50
2PANM-14B.50	2PANM-14G.50	14	M	13,2	18,7	20	50
2PANM-16B.50	2PANM-16G.50	16	M	16,0	21,5	20	50
2PANM-20B.50	2PANM-20G.50	20	M	20,2	25,7	25	50
2PANM-23B.50	2PANM-23G.50	23	M	23,9	31,3	35	50
2PANM-29B.25	2PANM-29G.25	29	M	27,3	35,5	35	25
2PANM-37B.25	2PANM-37G.25	37	M	32,5	43,2	40	25
2PANM-45B.25	2PANM-45G.25	45	M	43,1	54,2	70	25
2PANM-70B.10	2PANM-70G.10	70	M	67,0	79,8	95	10
2PANM-100B.10	2PANM-100G.10	100	M	87,5	102,5	100	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>

<sup>1)</sup> FIPSPLIT® 波纹管编码规则 / Part numbering key for FIPSPLIT® corrugated conduits: [www.fraenkische-ip.com/fipsplit-part-no](http://www.fraenkische-ip.com/fipsplit-part-no)

<sup>2)</sup> 波纹管波型 / Conduit profiles: [www.fraenkische-ip.com/fipsystems-profiles](http://www.fraenkische-ip.com/fipsystems-profiles)

<sup>3)</sup> 英制尺寸转换 / Conversion to inch: [www.fraenkische-ip.com/fipsystems-conversion-inch](http://www.fraenkische-ip.com/fipsystems-conversion-inch)



## 2PAN 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	-45 到 / to +120 -49 到 / to +248	°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				
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		DIN EN ISO 63355:2023-08	
阻燃等级 / Fire classification	V2		UL 94	
氧指数 / Oxygen index	>27	%	EN ISO 4589-2	
灼热丝测试 / Glow wire test	900 / 1652	°C / °F	IEC-60695-2-12	0,9 mm
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	良好 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. h. (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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