

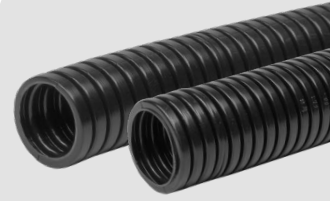
FPDR

波纹管

Corrugated conduit

+90°C +194°F
-50°C -58°F

Material: PA12 MOD R



- 适用于需要持续动态运动的场合
- 自熄, 不含卤素和镉
- 动态抗疲劳性能优异
- 机械强度性能优异
- 耐候性能优异

- suitable for continuous dynamic flexing movements
- self-extinguishing, free of halogen and cadmium
- excellent fatigue strength
- excellent mechanical strength characteristics
- excellent weathering performances

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	波型 Profile ²⁾	尺寸 Dimensions in mm (nom.)		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.	dyn. R.	m
FPDRF-29B.50	FPDRF-29G.50	29	F	29,0	34,5	45	100	50
FPDRF-36B.25	FPDRF-36G.25	36	F	36,5	42,4	60	155	25
FPDRF-48B.25	FPDRF-48G.25	48	F	47,5	54,4	70	170	25
FPDRC-29B.50	FPDRC-29G.50	29	C	28,3	34,7	50	110	50
FPDRC-36B.25	FPDRC-36G.25	36	C	36,6	42,3	55	170	25
FPDRC-48B.25	FPDRC-48G.25	48	C	47,0	54,4	65	190	25
FPDRC-56B.25	FPDRC-56G.25	56	C	56,3	67,2	100	250	25
FPDRC-70B.30	FPDRC-70G.30	70	C	67,2	79,6	135	320	30
FPDRC-95B.10	FPDRC-95G.10	95	C	91,3	106,0	150	420	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⁾ FIPMOTION® 波纹管编码规则 / Part numbering key for FIPMOTION® corrugated conduits: www.fraenkische-ip.com/fipmotion-part-no

²⁾ 波纹管波型 / Conduit profiles: www.fraenkische-ip.com/fipsystems-profiles



FPDR 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>	-45 到 / <i>to</i> +90 -49 到 / <i>to</i> +194	°C °F	IEC EN 61386	
温度范围 / <i>Temperature range</i>	-50 到 / <i>to</i> +90 -58 到 / <i>to</i> +194	°C °F	IS FIP	
温度 (短周期) / <i>Temperature (short-term)</i>	150 (500 h); 165 (100 h) 302 (500 h); 329 (100 h)	°C °F	IS FIP	
填充率 (最大) / <i>Filling ratio (max.)</i>	70	%	IS FIP	
机械性能 / <i>Mechanical performances</i>				
峰值负载 / <i>Peak load value</i>	320	N	IS FIP	
拔脱强度 / <i>Pull out strength</i>	460	N	IS FIP	
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	
耐候性 / <i>Weathering performances</i>				
UV- 及耐候性能 <i>UV and weathering performance</i>	优异 <i>excellent</i>		IS FIP	可达 30 年 <i>up to 30 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

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