

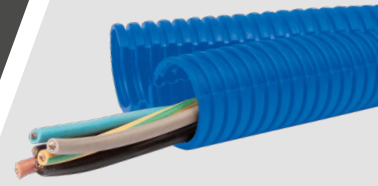
2PDS-A

波纹管

Divisible corrugated conduit

+110°C / +230°F
-50°C / -58°F

Material: PA6 MOD V0 蓝色/blue
色号 RAL5015 / similar to RAL5015



- 用于线缆需要单独标记的情况
- 自熄, 不含卤素和镉
- 优异的抗疲劳强度
- 提高了防火性能
- 双层结构提供了更高的抗外部冲击能力

- for applications in which cables or wires have to be marked separately
- self-extinguishing, free of halogen and cadmium
- excellent weathering performances
- very good fatigue strength
- 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. ¹⁾	名义尺寸 Nominal width	波型 Profile ²⁾	尺寸 Dimensions in mm (nom.) ³⁾		弯曲半径 Bending radius in mm		包装单元 PU
			内径 / ID	外径 / OD	stat. R.	dyn. R.	
blau ähnlich RAL5015 / blue similar to RAL5015	NW						m
2PDSM-07A3.50	07	M	6,3	10,0	20	40	50
2PDSM-10A3.50	10	M	8,8	13,5	25	50	50
2PDSM-11A3.50	11	M	11,0	16,1	25	50	50
2PDSM-14A3.50	14	M	13,2	18,7	30	60	50
2PDSM-16A3.50	16	M	16,0	21,5	35	70	50
2PDSM-20A3.50	20	M	20,2	25,7	45	90	50
2PDSM-23A3.50	23	M	23,9	31,3	55	110	50
2PDSM-29A3.25	29	M	27,3	35,5	105	210	25
2PDSM-37A3.25	37	M	32,5	43,0	130	260	25
2PDSM-45A3.25	45	M	43,1	54,2	135	270	25
2PDSM-70A3.10	70	M	67,0	79,8	175	350	10
2PDSM-100A3.10	100	M	87,5	102,5	195	390	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 / 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



2PDS-A 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>	-50 到 / <i>to</i> +120 -58 到 / <i>to</i> +248	°C °F	IS FIP	
填充率 (最大) / <i>Filling ratio (max.)</i>	70	%	IS FIP	推荐值 / <i>Recommendation</i>
机械性能 / <i>Mechanical performances</i>				
峰值负载 / <i>Peak load value</i>	320	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>		DIN EN ISO 63355:2023-08	
阻燃等级 / <i>Fire classification</i>	V2		UL 94	
氧指数 / <i>Oxygen index</i>	>32	%	EN ISO 4589-2	
火灾危害等级 / <i>Fire hazardous level</i>	HL2 R22 / HL3 R23		EN45545-2	
垂直燃烧测试 / <i>Vertical burning behavior</i>	Vi<100 自熄 <i>Vi<100 self-extinguishing</i>	mm/min	EN ISO 6941:2003	ECE R-118-02 附录 8 <i>ECE R-118-02 annex 8</i>
耐候性 / <i>Weathering performances</i>				
UV- 及耐候性能 <i>UV and weathering performance</i>	好 <i>good</i>		IS FIP	可达 10 年 <i>up to 10 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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