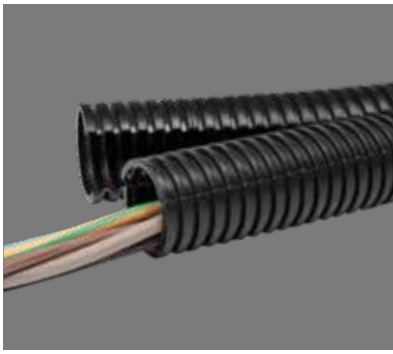
FIP SPLIT®

FRÄNKISCHE
INDUSTRIAL PIPES

2PDS

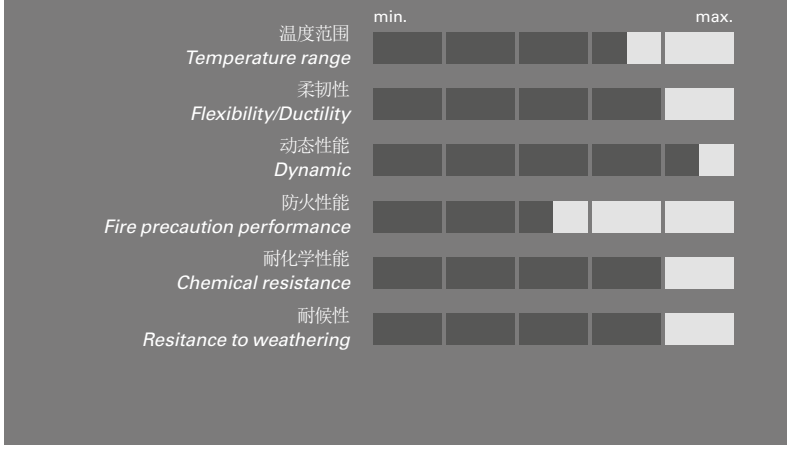
可分型波纹管

Divisible corrugated conduit



NFPA 130 · RoHS · REACH COMPLIANT · HALOGEN FREE

+110°C
–50°C
+230°F
–58°F



材料: **PA12 MOD BS**

2PDS 为线束保护改造应用及带有连接器的线束二次组装提供解决方案。可分型双层波纹管闭合良好，优化了线束保护性能，提高了抗外界影响及冲击。此产品由改性尼龙12材料制成，并具有非常好的耐UV及耐候性能。

Material: PA12 MOD BS

2PDS is the perfect solution for retrofit application of cable protection, also pre-assembled cable harnesses with already installed connectors. The double shell conduit properly overlaps and provides enhanced cable protection capabilities against external influences and impacts. This conduit type made of specially modified Polyamide 12 offers also high UV and weathering resistance.

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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*	–50 到 / *to* +110 –58 到 / *to* +230	°C °F	IS FIP	
填充率 (最大) *Filling ratio (max.)*	70	%	IS FIP	
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*			
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	
氧指数 *Oxygen index*	32	%	EN ISO 4589-2	
灼热丝测试 *Glow wire test*	850 1562	°C °F	IEC 60695	
火灾危害等级 *Fire hazardous level*	HL3 R22 HL3 R23		EN45545-2	
火焰蔓延指数 *Flame spread index*	符合 *compliant*		ASTM E162	依照 /*acc.* NFPA 130
烟雾浓度 *Smoke densitiy*	符合 *compliant*		ASTM E162	依照 /*acc.* NFPA 130
烟雾毒性 *Smoke toxicity*	符合 *compliant*		BSS 7239/SMP 800-C	
热释放量 (焓) *Heat release (Enthalpy)*	20,9	MJ/kg (BTU/lb)	ASTM E1354	50 kW/m² 热通量 / *heat flux*
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*	优异 *excellent*		IS FIP	可达 40 年 *up to 40 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

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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 **Bending radius in mm**		包装单元 **PU**
黑色 / ***black***	灰色 / ***grey***	**NW**		**ID**	外径 / ***OD***	**stat. R.**	**dyn. R.**	**m**
2PDSM-07B.50	2PDSM-07G.50	07	M	6,3	10,0	20	40	50
2PDSM-10B.50	2PDSM-10G.50	10	M	8,8	13,5	25	50	50
2PDSM-11B.50	2PDSM-11G.50	11	M	11,0	16,1	25	50	50
2PDSM-14B.50	2PDSM-14G.50	14	M	13,2	18,7	30	60	50
2PDSM-16B.50	2PDSM-16G.50	16	M	16,0	21,5	35	70	50
2PDSM-20B.50	2PDSM-20G.50	20	M	20,2	25,7	45	90	50
2PDSM-23B.50	2PDSM-23G.50	23	M	23,9	31,3	55	110	50
2PDSM-29B.25	2PDSM-29G.25	29	M	27,3	35,5	105	210	25
2PDSM-37B.25	2PDSM-37G.25	37	M	32,5	43,2	130	260	25
2PDSM-45B.25	2PDSM-45G.25	45	M	43,1	54,2	135	270	25
2PDSM-70B.10	2PDSM-70G.10	70	M	67,0	79,8	175	350	10
2PDSM-100B.10	2PDSM-100G.10	100	M	87,5	102,5	195	390	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 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.*

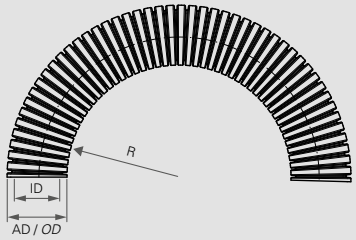
EN 45545-2 ASTM INTERNATIONAL **NFPA 130** 仅用于黑色 *only for black colour*

产品代码 / ***Number code:***

产品类型 / *Construction*	材料类型 / *Material type*	波型 / *Profile*	名义尺寸 / *Nominal width*	颜色 / *Colour*	包装单元 / *Packing unit*
2	PDS	M	- 07	B	. 50

中间波型 M / *Intermediate profile M*

可分型的 / *Divisible*



弯曲半径 / *Bending radius*

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

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

FRÄNKISCHE Industrial Pipes GmbH & Co. KG | Hellinger Str. 1 | 97486 Königsberg/Germany
Phone +49 9525 88-0 | Fax +49 9525 88-155 | info@fraenkische-ip.com | www.fipsystems.com

CN/E.3176/1.02.19 FIP | 如有更改，恕不另行通知 / *Subject to change without notice*