

AFPA-U-A

+120°C +248°F
-50°C -58°F

直型内螺纹接头UNEF, 塑料螺纹, AMP CPC
Fitting

Material: PA6 MOD V0 SGA



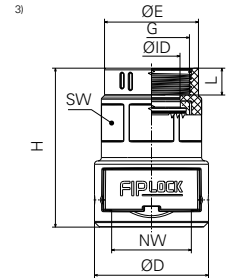
- 直型内螺纹接头, 适配FIPLOCK® 标准波纹管细波形和粗波形
 - UNEF塑料螺纹, 匹配AMP-CPC系列连接器
 - 自熄, 耐大多数常见化学品
 - 耐UV性能优异
 - 小袋包装, 预装出货
- fitting female thread suitable for FIPLOCK® corrugated conduits with fine and coarse profile
 - UNEF plastic thread for AMP-CPC series connectors
 - self-extinguishing and resistant against most chemical media commonly used
 - excellent UV-resistance
 - pre-assembled in small packing units

温度范围 / Temperature range
UV-防护 / UV protection
低温性能 / Cold environment performance
防尘性能 / Dust ingress protection
防水性能 / Water ingress protection
机械强度 / Mechanical strength

min.		max.	



产品号 Part No. ¹⁾	名义尺寸 Nominal width	螺纹尺寸 Thread size	尺寸 / Dimensions in mm ²⁾						重量 Weight	包装单元 PU
			Ø ID	L	H	Ø E	Ø D	SW		
黑色 / black	NW	G	Ø ID	L	H	Ø E <td>Ø D</td> <td>SW</td> <td>g</td> <td>↑ / Pcs</td>	Ø D	SW	g	↑ / Pcs
AFPA-07U15PB-A	7	5/8"UNEF	7,0	9,0	38,4	20,1	22,0	-	7,2	10
AFPA-10U15PB-A	10	5/8"UNEF	10,2	8,0	36,3	20,1	24,7	20	8,2	10
AFPA-10U18PB-A	10	3/4"UNEF	10,2	10,5	40,9	23,3	24,7	20	9,4	10
AFPA-12U15PB-A	12	5/8"UNEF	12,3	8,0	38,3	20,1	28,5	22	10,3	10
AFPA-12U18PB-A	12	3/4"UNEF	12,3	9,0	40,9	23,3	28,5	22	11,2	10
AFPA-12U23PB-A	12	15/16"UNEF	12,3	10,5	43,5	28,0	28,5	22	12,3	10
AFPA-12U40PB-A	12	1-5/8"UNEF	12,3	11,0	48,1	45,5	28,5	22	17,2	10
AFPA-17U18PB-A	17	3/4"UNEF	17,0	8,0	47,4	23,3	34,0	27	16,1	10
AFPA-17U23PB-A	17	15/16"UNEF	17,0	8,0	47,4	28,0	34,0	27	16,3	10
AFPA-17U34PB-A	17	1-3/8"UNEF	17,0	11,0	54,6	39,1	34,0	27	20,4	10
AFPA-17U40PB-A	17	1-5/8"UNEF	17,0	11,0	56,1	45,9	34,0	27	22,7	10
AFPA-23U23PB-A	23	15/16"UNEF	22,3	8,0	47,4	28,4	41,7	36	23,3	6
AFPA-23U34PB-A	23	1-3/8"UNEF	23,3	9,5	51,7	39,5	41,7	36	25,9	6
AFPA-23U40PB-A	23	1-5/8"UNEF	23,3	11,0	54,6	45,9	41,7	36	28,4	6



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® ONE 管接头编码规则 / Part numbering key for FIPLOCK® ONE fittings: www.fraenkische-ip.com/fiplock-one-part-no

²⁾ 英制尺寸转换: www.fraenkische-ip.com/fipsystems-umrechnung-inch / Conversion to inch: www.fraenkische-ip.com/fipsystems-conversion-inch

³⁾ FIPLOCK® ONE 组装说明 / Assembly instruction for FIPLOCK® ONE: www.fraenkische-ip.com/download/assembly-fiplock-one

认可组件认证对经 UL 认证的 FIPLOCK® 导管有效。

Recognised Component certification is valid in connection with UL approved FIPLOCK® conduits.



AFPA-U-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	
温度 (短周期) / <i>Temperature (short-term)</i>	150 (500 h); 160 (100 h) 302 (500 h); 320 (100 h)	°C °F	IS FIP	
机械性能 / <i>Mechanical performances</i>				
冲击强度 / <i>Impact strength</i>	1J/2J	Joule	FIP-ISTR-1601	-50C° / -58°F
材料性能 / <i>Material performances</i>				
缺口冲击测试 / <i>Notched bar impact test</i>	7 – 25	kJ/m ²	ISO 180	
系统密封性能 / <i>System tightness</i>				
IP 等级 / <i>IP rating</i>	IP66/IP67/IP68/IP69 (IP69K)		IEC EN 60529	
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>	V0		UL 94	
防火特性 / <i>Fire characteristic</i>	自熄 <i>self-extinguishing</i>		UL 1696	
氧指数 / <i>Oxygen index</i>	>32	%	EN ISO 4589-2	
灼热丝测试 / <i>Glow wire test</i>	960 / 1760	°C / °F	IEC 60695	
火灾危害等级 / <i>Fire hazardous level</i>	HL2 R22 / HL3 R23		EN45545-2	
火焰蔓延指数 / <i>Flame spread index</i>	符合 / <i>compliant</i>		ASTM E162	参照 NFPA 130 / <i>acc. NFPA 130</i>
烟雾密度 / <i>Smoke density</i>	符合 / <i>compliant</i>		ASTM E662	参照 NFPA 130 / <i>acc. NFPA 130</i>
烟雾毒性 / <i>Smoke toxicity</i>	符合 / <i>compliant</i>		BSS 7239 / SMP 800-C	
热释放量 (焓) / <i>Heat release (Enthalpy)</i>	19,4 (8265)	MJ/kg (BTU/lb)	ASTM E1354	50 kW/m ² 热通量 <i>50 kW/m² heat flux</i>
火焰蔓延 / <i>Spread of fire</i>	非火焰蔓延 <i>non flame propagating</i>		IEC EN 61386	
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 40 年 <i>up to 40 years</i>

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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