

## AFPA-U-B

直型内螺纹接头  
UNEF, 塑料螺纹, Souriau UTG-6  
Fitting 标准波纹管配件

+120°C +248°F  
-50°C -58°F

Material: PA6 MOD V0 SGA



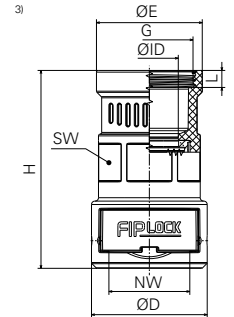
- 直型内螺纹接头, 适配FIPLOCK® 标准波纹管细波形和粗波形
- UNEF塑料螺纹, 匹配UTG-6/UTO/UTS 及 ITT Cannon Trident
- 自熄, 耐大多数常见化学品
- 耐UV性能优异
- 小袋包装, 预装发货
- fitting female thread suitable for FIPLOCK® corrugated conduits with fine and coarse profile
- UNEF plastic thread for for Souriau connector series UTG-6/UTO/UTS and ITT Cannon Trident
- 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.	
UV-防护	✓	UV-防护	✓
低温性能	✓	低温性能	✓
防尘性能	✓	防尘性能	✓
防水性能	✓	防水性能	✓
机械强度	✓	机械强度	✓



产品号 Part No. <sup>1)</sup>	名义尺寸 Nominal width	螺纹尺寸 Thread size	尺寸 / Dimensions in mm <sup>2)</sup>						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-10U16PB-B	10	11/16"UNEF	10,2	4,7	47,8	21,5	24,7	20	10,1	10
AFPA-12U16PB-B	12	11/16"UNEF	12,3	4,7	46,3	21,5	28,5	22	11,9	10
AFPA-12U20PB-B	12	13/16"UNEF	12,3	6,5	49,9	24,8	28,5	22	12,9	10
AFPA-12U23PB-B	12	15/16"UNEF	12,3	6,5	52,1	28,0	28,5	22	13,7	10
AFPA-17U23PB-B	17	15/16"UNEF	17,0	6,5	57,6	28,0	34,0	27	18,7	10
AFPA-17U26PB-B	17	1-1/16"UNEF	17,0	5,0	58,1	31,1	34,0	27	19,5	10
AFPA-17U29PB-B	17	1-3/16"UNEF	17,0	8,0	59,8	34,4	34,0	27	20,1	10
AFPA-17U35PB-B	17	1-7/16"UNEF	17,0	8,0	61,8	40,7	34,0	27	22,3	10
AFPA-23U29PB-B	23	1-3/16"UNEF	23,3	8,0	53,3	34,4	41,7	36	25,5	6
AFPA-23U32PB-B	23	1-5/16"UNEF	23,3	8,0	57,8	37,4	41,7	36	27,2	6
AFPA-23U35PB-B	23	1-7/16"UNEF	23,3	8,0	59,4	41,1	41,7	36	28,7	6
AFPA-29U35PB-B	29	1-7/16"UNEF	29,0	8,0	55,1	41,5	48,4	41	30,1	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>

<sup>1)</sup> FIPLOCK® ONE 管接头编码规则 / Part numbering key for FIPLOCK® ONE fittings: [www.fraenkische-ip.com/fiplock-one-part-no](http://www.fraenkische-ip.com/fiplock-one-part-no)

<sup>2)</sup> 英制尺寸转换: [www.fraenkische-ip.com/fipsystems-umrechnung-inch](http://www.fraenkische-ip.com/fipsystems-umrechnung-inch) / Conversion to inch: [www.fraenkische-ip.com/fipsystems-conversion-inch](http://www.fraenkische-ip.com/fipsystems-conversion-inch)

<sup>3)</sup> FIPLOCK® ONE 组装说明 / Assembly instruction for FIPLOCK® ONE: [www.fraenkische-ip.com/download/assembly-fiplock-one](http://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-B 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 +120 -58 到 / to +248	°C °F	IS FIP	
温度 (短周期) / Temperature (short-term)	150 (500 h); 160 (100 h) 302 (500 h); 320 (100 h)	°C °F	IS FIP	
<b>机械性能 / Mechanical performances</b>				
冲击强度 / Impact strength	1J/2J	Joule	FIP-ISTR-1601	-50°C / -58°F
<b>材料性能 / Material performances</b>				
缺口冲击测试 / Notched bar impact test	7 – 25	kJ/m <sup>2</sup>	ISO 180	
<b>系统密封性能 / System tightness</b>				
IP 等级 / IP rating	IP66/IP67/IP68/IP69 (IP69K)		IEC EN 60529	
<b>防火性能 / Fire safety performances</b>				
不含卤素和镉 Free from halogens and cadmium	是 / yes			
阻燃等级 / Fire classification	V0		UL 94	
防火特性 / Fire characteristic	自熄 self-extinguishing		UL 1696	
氧指数 / Oxygen index	>32	%	EN ISO 4589-2	
灼热丝测试 / Glow wire test	960 / 1760	°C / °F	IEC 60695	
火灾危害等级 / Fire hazardous level	HL2 R22 / HL3 R23		EN45545-2	
火焰蔓延指数 / Flame spread index	符合 / compliant		ASTM E162	参照 NFPA 130 / acc. NFPA 130
烟雾密度 / Smoke density	符合 / compliant		ASTM E662	参照 NFPA 130 / 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)	19,4 (8265)	MJ/kg (BTU/lb)	ASTM E1354	50 kW/m <sup>2</sup> 热通量 50 kW/m <sup>2</sup> heat flux
火焰蔓延 / Spread of fire	非火焰蔓延 non flame propagating		IEC EN 61386	
<b>耐候性 / Weathering performances</b>				
UV- 及耐候性能 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% 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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