

AFPA-U-M

塑料UNEF/UNS内螺纹直接头 Fitting

+120°C
-50°C

+248°F
-58°F

Material: PA6 MOD V0 SGA



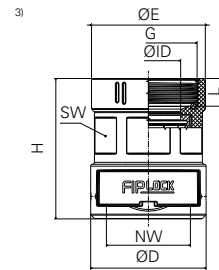
- 内螺纹直接头适配FIPLOCK®标准波纹管细波形及粗波形
 - UNEF塑料螺纹, 适配MIL DTL 5015连接器
 - 自熄, 耐大多数常见化学品
 - 耐UV性能优异
 - 小袋包装, 预装发货
- fitting female thread suitable for FIPLOCK® corrugated conduits with fine and coarse profile
 - UNEF plastic thread for MIL DTL 5015 connector series
 - self-extinguishing and resistant against most 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	g		
AFPA-10U21PB-M	10	7/8"UNEF	10,2	8,0	37,4	26,4	24,7	22	9,5	10	
AFPA-12U15PB-M	12	5/8"UNEF	8,7	8,0	39,3	20,1	28,5	20	10,8	10	
AFPA-12U21PB-M	12	7/8"UNEF	12,3	8,0	39,3	26,4	28,5	22	11,3	10	
AFPA-12U24PB-M	12	1"UNEF	12,3	8,0	39,6	29,6	28,5	22	12,1	10	
AFPA-12U29PB-M	12	1-3/16"UNEF	12,3	8,0	41,3	34,4	28,5	22	13,4	10	
AFPA-12U35PB-M	12	1-7/16"UNEF	12,3	10,0	45,1	41,1	28,5	22	16,3	10	
AFPA-17U18PB-M	17	3/4"UNEF	11,7	8,0	48,4	23,7	34,0	27	17,0	10	
AFPA-17U21PB-M	17	7/8"UNEF	14,8	8,0	48,4	26,8	34,0	27	17,0	10	
AFPA-17U24PB-M	17	1"UNEF	17,0	8,0	48,4	29,9	34,0	27	17,3	10	
AFPA-17U29PB-M	17	1-3/16"UNEF	17,0	8,0	48,7	34,8	34,0	27	18,3	10	
AFPA-17U35PB-M	17	1-7/16"UNEF	17,0	10,0	52,2	41,1	34,0	27	21,3	10	
AFPA-17U43PB-M	17	1-3/4"UNS	17,0	12,0	56,0	49,1	34,0	27	25,1	10	
AFPA-23U24PB-M	23	1"UNEF	18,0	8,0	48,4	30,0	41,7	36	24,6	6	
AFPA-23U29PB-M	23	1-3/16"UNEF	22,3	8,0	48,4	34,8	41,7	36	24,6	6	
AFPA-23U35PB-M	23	1-7/16"UNEF	23,3	10,0	50,7	41,1	41,7	36	26,2	6	
AFPA-23U43PB-M	23	1-3/4"UNS	23,3	12,0	54,6	49,1	41,7	36	30,6	6	
AFPA-23U50PB-M	23	2"UNS	23,3	12,0	56,1	55,4	41,7	36	33,7	6	
AFPA-23U56PB-M	23	2-1/4"UNS	23,3	12,0	57,5	62,2	41,7	36	36,7	6	
AFPA-29U29PB-M	29	1-3/16"UNEF	22,6	8,0	48,7	35,2	48,4	41	28,2	6	
AFPA-29U35PB-M	29	1-7/16"UNEF	29,0	10,0	50,7	41,5	48,4	41	28,8	6	
AFPA-29U43PB-M	29	1-3/4"UNS	29,0	12,0	54,2	49,5	48,4	41	33,0	6	
AFPA-29U50PB-M	29	2"UNS	29,0	12,0	55,7	55,8	48,4	41	36,3	6	
AFPA-29U56PB-M	29	2-1/4"UNS	29,0	12,0	57,2	62,2	48,4	41	39,8	6	
AFPA-36U35PB-M	36	1-7/16"UNEF	29,0	10,0	63,6	42,2	59,7	52	60,3	4	
AFPA-36U43PB-M	36	1-3/4"UNS	37,0	12,0	65,6	50,2	59,7	52	60,6	4	
AFPA-36U50PB-M	36	2"UNS	37,0	12,0	66,2	56,5	59,7	52	62,5	4	
AFPA-36U56PB-M	36	2-1/4"UNS	37,0	12,0	67,5	62,9	59,7	52	66,5	4	
AFPA-48U50PB-M	48	2"UNS	43,3	12,0	66,0	57,1	71,0	65	80,1	4	
AFPA-48U56PB-M	48	2-1/4"UNS	48,3	12,0	66,0	63,5	71,0	65	79,7	4	



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⁾ 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



AFPA-U-M 产品性能 / Product performances

应用性能 Application performances	Eigenschaften Characteristics	Maßeinheit Unit	Normen, Spezifikationen Standards, specifications	Bemerkung 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	

系统密封性能 / System tightness				
IP 等级 / IP rating	IP66/IP67/IP68/IP69 (IP69K)		IEC EN 60529	

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	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 ² 热通量 50 kW/m ² heat flux
火焰蔓延 / Spread of fire	非火焰蔓延 non flame propagating		IEC EN 61386	
垂直燃烧测试 / Vertical burning behavior	Vi<100 自熄 Vi<100 self-extinguishing	mm/min	EN ISO 6941:2003	ECE R-118-02 附录 8 ECE R-118-02 annex 8

耐候性 / Weathering performances				
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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