

## AAPA-MML

45°金属公制长螺纹弯接头  
Fitting

+120°C +248°F  
-50°C -58°F

Material: PA6 MOD V0 SGA



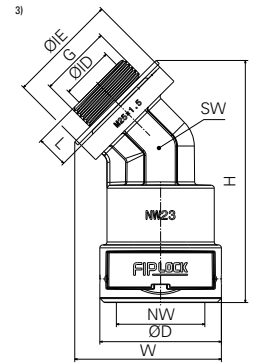
- 45° 金属螺纹弯接头适配FIPLOCK®标准波纹管细波形及粗波形
- 公制金属长螺纹
- 自熄, 耐大多数常见化学品
- 耐UV性能优异
- 小袋包装, 预装发货
- fitting 45° elbow
- metric long metal thread
- self-extinguishing and resistant against most chemical media commonly used
- excellent UV-resistance
- pre-assembled in small packing units

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. <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 E	L	W	H	Ø ID	Ø D	SW		
黑色 / black	NW	G								g	↑ / Pcs
AAPA-10M12MB-10	10	M12x1,5	24	10	31,7	57,6	5,3	24,7	10	23,5g	10
AAPA-12M16MB-10	12	M16x1,5	27	10	35,7	62,6	9,0	28,5	14	30,2g	10
AAPA-17M20MB-10	17	M20x1,5	32	10	42,0	76,4	13,0	34,0	18	41,8g	10
AAPA-17M25MB-11	17	M25x1,5	38	11	44,6	76,4	17,2	34,0	21	56,0g	10
AAPA-23M25MB-11	23	M25x1,5	38	11	50,6	83,2	18,0	41,7	24	64,3g	6
AAPA-23M32MB-13	23	M32x1,5	43	13	54,2	87,2	23,0	41,7	27	72,1g	6
AAPA-29M32MB-13	29	M32x1,5	43	13	57,5	87,7	25,0	48,4	30	79,0g	6
AAPA-29M40MB-13	29	M40x1,5	55	13	60,3	90,3	28,5	48,4	34	101,4g	6
AAPA-36M40MB-13	36	M40x1,5	55	13	69,3	112,3	32,8	59,7	41	140,5g	4
AAPA-36M50MB-14	36	M50x1,5	71	14	73,7	116,4	36,0	59,7	41	191,1g	4
AAPA-48M50MB-14	48	M50x1,5	71	14	80,9	122,0	42,4	71,0	50	214,0g	4
AAPA-48M63MB-14	48	M63x1,5	71	14	85,5	126,6	50,5	71,0	55	196,1g	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 / 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)



# AAPA-MML 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	

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 <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	
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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