

### AZPA-MML

## 金属公制长螺纹应力消除直接头 Fitting

+120°C +248°F  
-50°C -58°F

Material: PA6 MOD V0 SGA



- 应力消除直接头，适配FIPLOCK®标准波纹管细波形和粗波形
- 金属公制长螺纹。
- 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

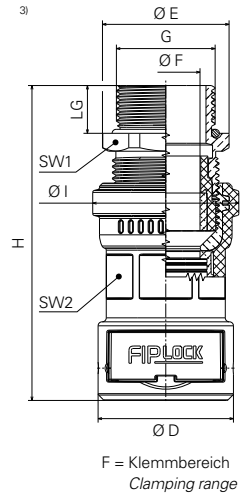
- fitting strain relief suitable for FIPLOCK® corrugated conduits with fine and coarse profile
- metric long metal thread
- self-extinguishing and resistant against most chemical media commonly used
- excellent UV-resistance
- pre-assembled in small packing units

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	
			LG	Ø F	H	SW1	SW2	Ø D	Ø E	Ø I			
黑色 / black	NW	G											
AZPA-10M12MB-BL2	NW10	M12x1,5	12,0	3,5 – 7,0	59,5	16	20	24,7	17,7	21,6	26,1	10	
AZPA-10M16MB-BL2	NW10	M16x1,5	12,0	4,5 – 10,0	63,3	20	20	24,7	22,0	26,0	37,1	10	
AZPA-12M16MB-BL2	NW12	M16x1,5	12,0	4,5 – 10,0	65,3	20	22	28,5	22,0	27,0	39,8	10	
AZPA-12M20MB-BL2	NW12	M20x1,5	12,0	7,0 – 12,5	68,0	24	22	28,5	26,2	30,4	51,4	10	
AZPA-17M20MB-BL2	NW17	M20x1,5	12,0	7,0 – 13,0	77,1	24	27	34,0	26,2	31,2	57,7	10	
AZPA-17M25MB-BL2	NW17	M25x1,5	12,0	9,0 – 17,0	79,1	29	27	34,0	31,8	36,7	77,4	10	
AZPA-23M25MB-BL2	NW23	M25x1,5	12,0	9,0 – 17,0	79,1	29	36	41,7	31,8	36,7	84,6	6	
AZPA-23M32MB-BL2	NW23	M32x1,5	15,0	11,0 – 21,0	86,6	36	36	41,7	39,5	44,4	125,1	6	
AZPA-29M32MB-BL2	NW29	M32x1,5	15,0	11,0 – 21,0	86,9	36	41	48,4	39,5	44,8	128,8	6	
AZPA-29M40MB-BL2	NW29	M40x1,5	15,0	19,0 – 28,0	93,4	45	41	48,4	49,5	53,1	199,8	6	
AZPA-36M40MB-BL2	NW36	M40x1,5	15,0	19,0 – 28,0	106,3	45	52	59,7	49,5	55,0	234,0	4	
AZPA-36M50MB-BL2	NW36	M50x1,5	15,0	27,0 – 35,0	109,3	54	52	59,7	59,0	64,6	296,0	4	
AZPA-48M50MB-BL2	NW48	M50x1,5	15,0	27,0 – 35,0	109,3	54	65	71,0	59,0	64,0	314,4	4	
AZPA-48M63MB-BL2	NW48	M63x1,5	15,0	34,0 – 45,0	112,3	67	65	71,0	84,0	78,4	458,5	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

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

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

<sup>3)</sup> FIPLOCK® ONE 组装说明 / Assembly instruction for FIPLOCK® ONE: [www.fraenkische.com/download/assembly-fiplock-one](http://www.fraenkische.com/download/assembly-fiplock-one)



# AZPA-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				
耐候性测试 Weathering test	符合 resistant		DIN EN ISO 4892-2: 2013-07	5000h
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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