

### AZPA-NPT

塑料NPT制螺纹应力消除直接头  
Fitting

+120°C +248°F  
-50°C -58°F

Material: PA6 MOD V0 SGA



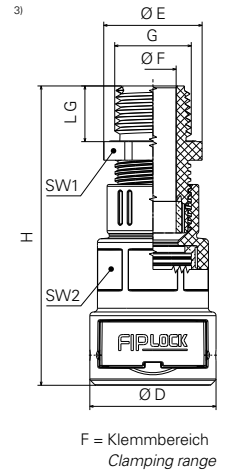
- 应力消除直接头, 适配FIPLOCK®标准波纹管细波形和粗波形
  - 塑料NPT制螺纹。
  - 自熄, 耐大多数常见化学品
  - 耐UV性能优异
  - 小袋包装, 预装发货
- fitting strain relief suitable for FIPLOCK® corrugated conduits with fine and coarse profile
  - NPT plastic thread
  - self-extinguishing and resistant against most chemical media commonly used
  - excellent 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.	
Temperature range	Temperature range	Temperature range	Temperature range
UV protection	UV protection	UV protection	UV protection
Cold environment performance	Cold environment performance	Cold environment performance	Cold environment performance
Dust ingress protection	Dust ingress protection	Dust ingress protection	Dust ingress protection
Water ingress protection	Water ingress protection	Water ingress protection	Water ingress protection
Mechanical strength	Mechanical strength	Mechanical strength	Mechanical strength



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 g	包装单元 PU ↑ / Pcs
			LG	Ø F	H	SW1	SW2	Ø D	Ø E			
黑色 / black	NW	G	LG	Ø F	H	SW1	SW2	Ø D	Ø E	g	↑ / Pcs	
AZPA-10N01PB	NW10	NPT 3/8"	15,0	3,5 – 8,0	66,4	19	20	24,7	21,1	14,0	10	
AZPA-12N01PB	NW12	NPT 3/8"	15,0	3,5 – 8,0	68,4	19	22	28,5	21,1	16,2	10	
AZPA-12N02PB	NW12	NPT 1/2"	15,0	5,0 – 12,0	71,7	24	22	28,5	26,5	18,9	10	
AZPA-17N02PB	NW17	NPT 1/2"	15,0	5,0 – 12,0	80,6	24	27	34,0	26,5	24,7	10	
AZPA-23N04PB	NW23	NPT 3/4"	15,0	13,0 – 18,0	87,3	33	36	41,7	36,0	41,0	6	
AZPA-29N06PB	NW29	NPT 1"	14,6	14,0 – 25,0	90,9	42	41	48,4	46,3	52,6	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

<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> 英制尺寸转换 / 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-NPT 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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