

## AWPA-NPTM-S / AEPA-NPTM-S

+120°C +248°F  
-50°C -58°F

90°金属NPT制可旋转螺纹弯接头  
Fitting

Material: PA6 MOD V0 SGA



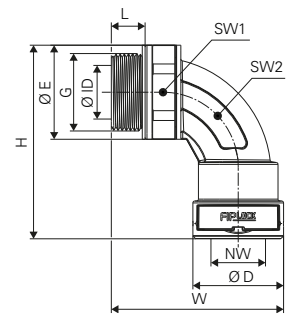
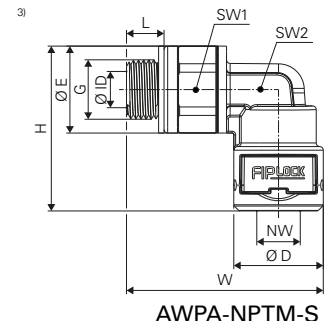
- 90° 螺纹可旋转弯接头, 适配FIPLOCK®标准波纹管细波形及粗波形
  - NPT制金属螺纹
  - 自熄, 耐大多数常见化学品
  - 耐UV性能优异
  - 小袋包装, 预装发货
- revolving fitting 90° curved elbow suitable for FIPLOCK® corrugated conduits with fine and coarse profile
  - NPT metal thread
  - self-extinguishing and resistant against most chemical media commonly used
  - 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>	Nennweite Nominal width	Gewindegröße Thread size	尺寸 Dimensions in mm <sup>2)</sup>								重量 Weight	包装单元 PU
			L	Ø ID	H	W	Ø D	Ø E	SW1	SW2		
黑色 / black	NW	G	L	Ø ID	H	W	Ø D	Ø E	SW1	SW2	g	个 / Pcs
AWPA-10N01SB-13	10	NPT 3/8"	10,4	10,0	45,5	54,3	24,7	24	22	14	47,3	10
AWPA-12N01SB-13	12	NPT 3/8"	10,4	10,0	48,5	58,1	28,5	25	22	14	50,2	10
AWPA-12N02SB-13	12	NPT 1/2"	13,6	12,8	50,5	61,4	28,5	29	26	18	71,2	10
AEPA-17N02SB-13	17	NPT 1/2"	13,6	10,1	77,1	66,2	34,0	29	26	16	78,7	10
AEPA-17N04SB-14	17	NPT 3/4"	13,9	14,8	79,1	66,5	34,0	33	30	21	86,1	10
AEPA-23N04SB-14	23	NPT 3/4"	13,9	15,8	89,6	79,4	41,7	33	30	21	94,0	6
AEPA-23N06SB-17	23	NPT 1"	17,3	19,2	93,1	83,4	41,7	40	36	24	130,8	6
AEPA-29N07SB-18	29	NPT 1-1/4"	18,0	28,5	102,9	91,6	48,2	50	46	34	193,0	6
AEPA-36N07SB-18	36	NPT 1-1/4"	18,0	30,2	124,3	106,7	59,7	50	46	36	237,9	4
AEPA-36N08SB-18	36	NPT 1-1/2"	18,4	36,1	129,3	107,8	59,7	60	55	46	272,7	4
AEPA-48N08SB-18	48	NPT 1-1/2"	18,4	38,9	137,3	119,0	71,0	62	55	46	279,7	4
AEPA-48N09SB-19	48	NPT 2"	19,2	47,9	143,3	122,1	71,0	74	65	55	372,0	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)



# AWPA-NPTM-S / AEPA-NPTM-S 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 / Material performances				
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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