

## APPA-NBR

90°法兰接头, NBR法兰衬垫  
Conduit intercoupler

+120°C +248°F  
-45°C -49°F

Material: PA6 MOD V0 SGA



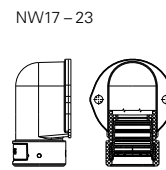
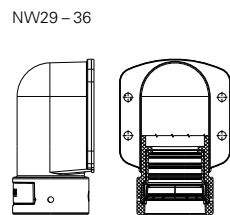
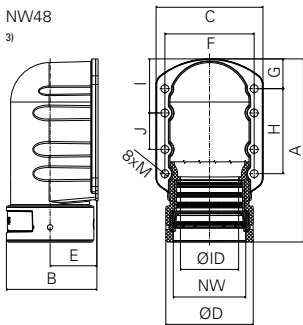
- 90°法兰接头, 适配FIPOLOCK®标准波纹管细波形及粗波形
  - NBR法兰衬垫
  - 自熄, 耐大多数常见化学品
  - 耐UV性能优异
  - 小袋包装, 预装发货
- 90° fitting suitable for FIPOLOCK® corrugated conduits with fine and coarse profile
  - NBR fitting gasket
  - self-extinguishing and resistant against most chemical media commonly used
  - excellent UV-resistance
  - 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.	
温度范围	UV-防护	低温性能	防尘性能
防水性能	机械强度		



产品号 Part No. <sup>1)</sup>	名义尺寸 Nominal width	尺寸 Dimensions in mm <sup>2)</sup>												重量 Weight g	包装单元 PU 个 / Pcs
		黑色 / black	NW	Ø ID	A	B	C	Ø D	E	F	G	H	I		
APPA-17P16PB-01	17	17,0	65,6	37,0	49,0	34,0	20,0	36,0	22,5	-	-	-	5,5	26,4	10
APPA-23P21PB-01	23	22,9	83,7	44,7	66,7	41,7	23,9	53,0	31,6	-	-	-	6,5	44,5	6
APPA-29P29PB-01	29	29,0	101,6	51,4	69,4	48,4	27,2	54,0	21,7	36,0	-	-	6,5	63,5	6
APPA-36P36PB-01	36	36,5	122,1	62,7	86,7	59,7	32,9	73,5	29,8	30,0	-	-	6,5	115,0	4
APPA-48P48PB-01	48	48,0	150,8	74,5	88,0	72,0	38,5	73,5	24,0	70,0	44,5	30,0	6,5	160,4	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> FIPOLOCK® ONE 管接头编码规则 / Part numbering key for FIPOLOCK® 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> FIPOLOCK® ONE 组装说明 / Assembly instruction for FIPOLOCK® ONE: [www.fraenkische-ip.com/download/assembly-fiplock-one](http://www.fraenkische-ip.com/download/assembly-fiplock-one)



# APPA-NBR 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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