



SOCKET UNION

(ABS003 - 25mm)

Used for breaking a section of aspirating smoke detection pipe network for maintenance purposes. This device is designed for aspirating fire detection only.

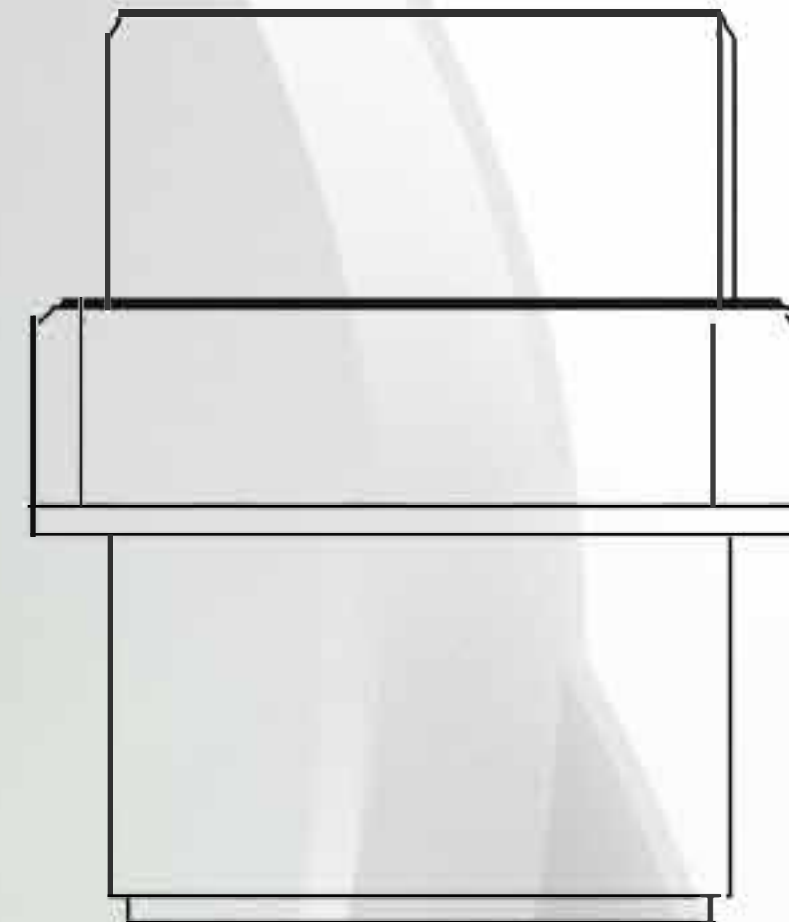
Installation Instructions:

Use the correct solvent Plusbond 3019.
Do not paint. Keep pipe clean and free from dust. Do not install in direct sunlight. Only install with approved pipe.
Do not use solvents to clean, only soapy water. Do not over tighten. Keep O'Ring in place. Ensure that the socket union locks into position when tightening.

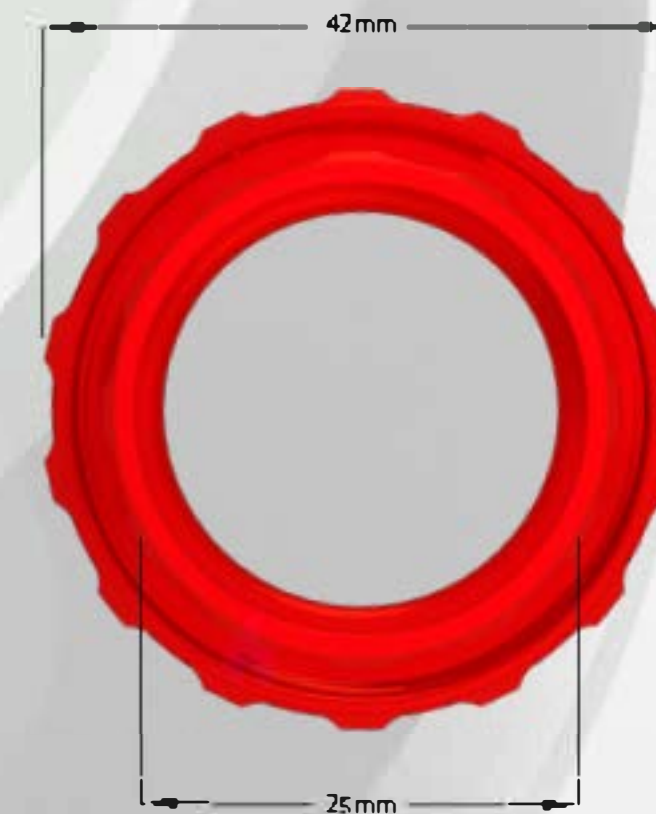
Operating Temperature: -40°C to 70°C
Pipe Colour: RED
Diameter Tolerance: +/- 0.15mm
Wall Thickness: 3.22mm
Outside Diameter: 31.3mm
Inside Diameter: 25mm
Weight: 26 Grams



Side Elevation Dissection



Front Elevation



RAW MATERIAL DATA	
Number	ABS 792
	Acrylonitrile Butadiene Styrene
Physical	
Specific Gravity	1.04
Test Method	ASTM D792
Melt Mass - Flow Rate (MFR)	
230°C/21.0 kg 47 g/10 min	
230°C/10.0 kg 4.1 g/10 min	
220°C/10.0 kg 34 g/10 min	
Test Method	ASTM D1238
Molding Shrinkage -	
Flow 0.0040 to 0.0070 in/in	
Test Method	ASTM D955
Mechanical	
Tensile Strength	
Yield, 73°F (23°C)	1.97 in (50.0mm)
	9270 psi
Test Method	ASTM D638
Tensile Elongation	
Yield, 73°F (23°C)	1.97 in (50.0 mm) 15%
Test Method	ASTM D638
Flexural Modulus	
73°F (23°C)	0.118 in (3.00 mm)
	312000 psi
Test Method	ASTM D638
Flexural Strength	
Yield, 73°F (23°C)	0.118 in (3.00 mm)
	9230 psi
Test Method	ASTM D730
Impact	
Notched Izod Impact	
73°F (23°C), 0.126 in (3.20 mm), 5.5 ft-lb/in	
73°F (23°C), 0.252 in (6.40 mm), 4.8 ft-lb/in	
Test Method	ASTM D730
Flammability	
Approved for use (UL Scale) 100	
Test Method	ASTM D638
Thermal	
Deflection Temperature Under Load	
264 psi (1.8 MPa), Unannealed 185°F/85°C	
Test Method	ASTM D648
Heat Softening Temperature 235°F/95°C	
Test Method	ASTM D1525
Flammability	
Flame Rating	
0.0896 in (2.26 mm) HB	
0.0896 in (2.26 mm) HB	
0.126 in (3.20 mm) HB	
Test Method	UL 94

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