

SOCKET UNION

(ABSG-003 - 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.

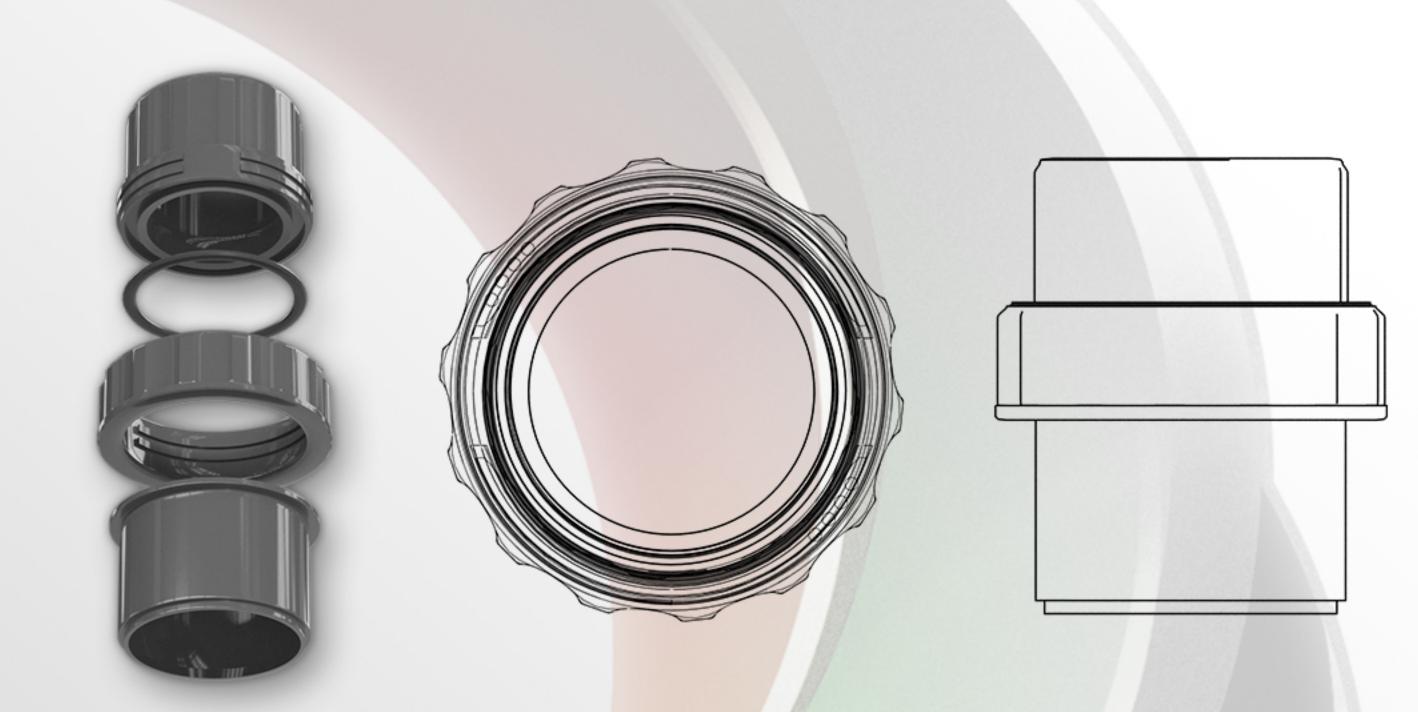
Ensure that the socket union locks

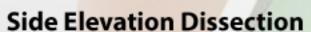
into position when tightening.

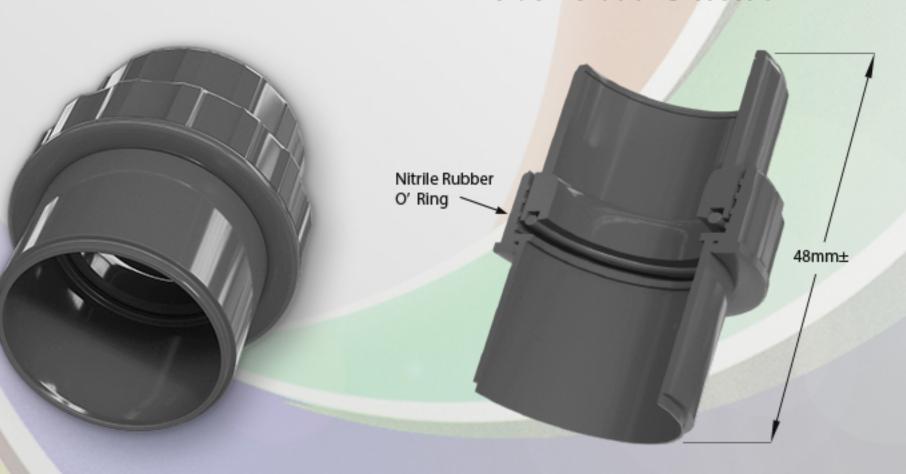
Part No. ABSG-003 - 25mm

Pipe colour GREY

Diameter Tolerance +/- 0.15mm







Front Elevation



RAW MATERIAL DATA

Kumho ABS 750

Acrylonitrile Butaduene Styrene

Pysical

Specific Gravity 1.04
Test Method ASTM D792

Melt Mass - Flow Rate (MFR) 200°C/21.6 kg 47 g/10 min 200°C/5.0 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)
6670 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

Yield, 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 D790

Impact

Noched Izod Impact 73°F(23°C), 0.126 in (3.20 mm), 5.5 ft·lb/ir 73°F(23°C), 0.252 in (6.40 mm), 4.8 ft·lb/ir Test Method ASTM D256

Hardnes

Rockwell Hardness (R-Scale) 108 Test Method ASTM D785

Therm

Deflection Temperature Under Load 264 psi (1.8 MPa), Unanneald 185°F/85°C Test Method ASTM D648

Vicat Softening Temperature 203°F/95°C Test Method ASTM D1525

Flamibility

Flame Rating 0.0630 in (1.60 mm) HB 0.0866 in (2.20 mm) HB 0.126 in (3.20 mm) HB Test Method UL 94

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