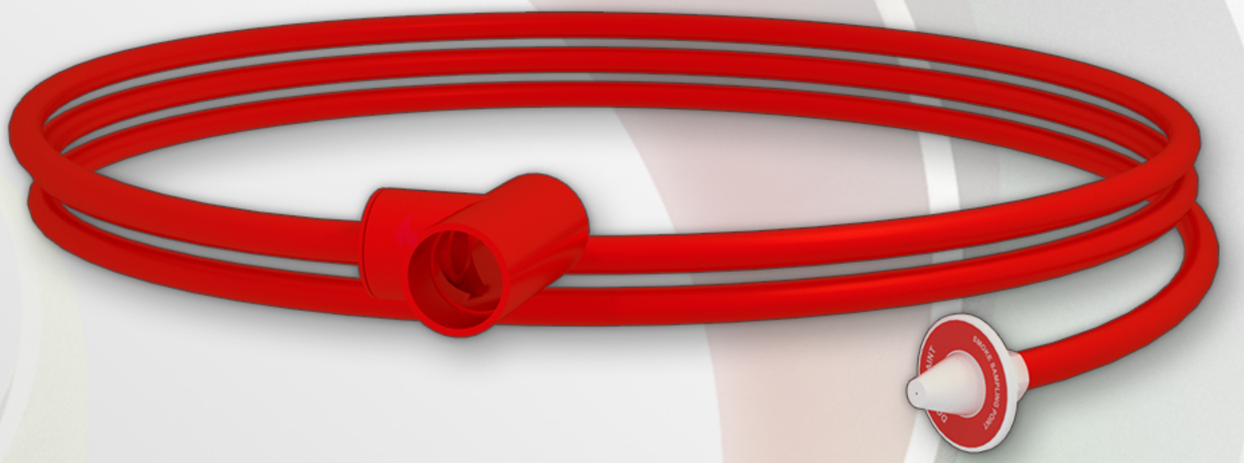
BISSON
THE PIPE FITTINGS EXPERTS

CONICAL SAMPLING KIT

(ABS019C- 25mm)

Used when sampling is required in a chill or coldstore.
The conical head prevents ice or condensation from covering the sampling hole.



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.

TRUNK ADAPTOR
ABS022/25

10mm NYLON TUBING
STANDARD LENGTH 2m

ABS011C CONICAL HEAD
M16 PLASTIC NUT

Part No.	**ABS019C- 25mm**
Fitting colour	**RED**
Diameter Tolerance	**+/- 0.15mm**

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/in
73°F(23°C), 0.252 in (6.40 mm), 4.8 ft·lb/in
Test Method ASTM D256

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

Thermal
Deflection Temperature Under Load
264 psi (1.8 MPa), Unannealed 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

RAW MATERIAL DATA

Nylon

NFM 10x7.5 -
OD Tol's +0.03/-0.09mm
Burst Pressure 995 PSI / 68 bar
Bend Radius 40mm
Weight/30m 1.08kgs

NEM 10x8 -
OD Tol's +0.02/-0.10mm
Burst Pressure 772 PSI / 53 bar
Bend Radius 50mm
Weight/30m 0.87kgs

Temperature Range -
-40°C to +70°C, Occasional use up to +130°C, Brittle point: -70°C

Technical information for use as a guide only.

Pressure values given are based on the short term burst pressure at 20°C based on a 3:1 safety factor.
Any increase in temperature above 20°C will result in a decline in working pressure values.

Products and specifications are subject to improvements and change without notice.

Bisson Ltd
Unit 11, Eldonwall Trading Estate,
St.Phillips, Bristol, BS4 3QQ

Tel: 0117-967-9999
Fax: 0117-961-9261
http://www.abspipesandfittings.co.uk

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