

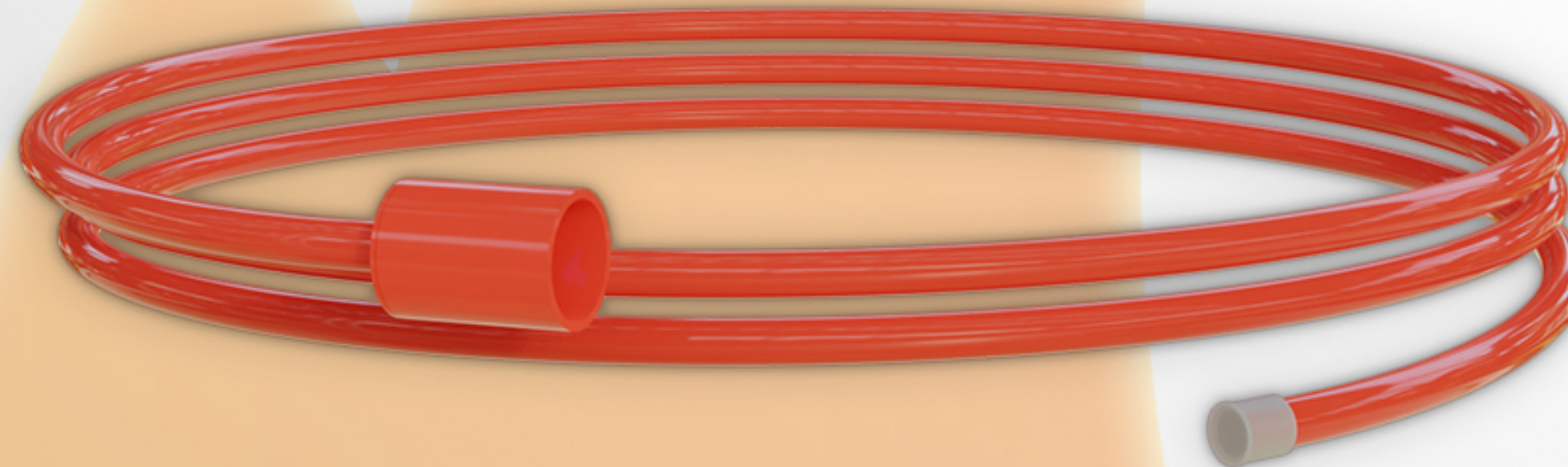
## DISCRETE END CAP SAMPLING KIT (ABS020-EC - 25mm)

This component is used when it is necessary to sample through a suspended ceiling. The capillary Tee piece fits onto the pipe run. it is followed by a 2 meter 10mm OD nylon tube which links into the discrete head. The discrete cap is supplied with a solid head, which will necessitate a hole being drilled to the required size by the installer. The discrete end cap is held in place by a hole in the ceiling tile.

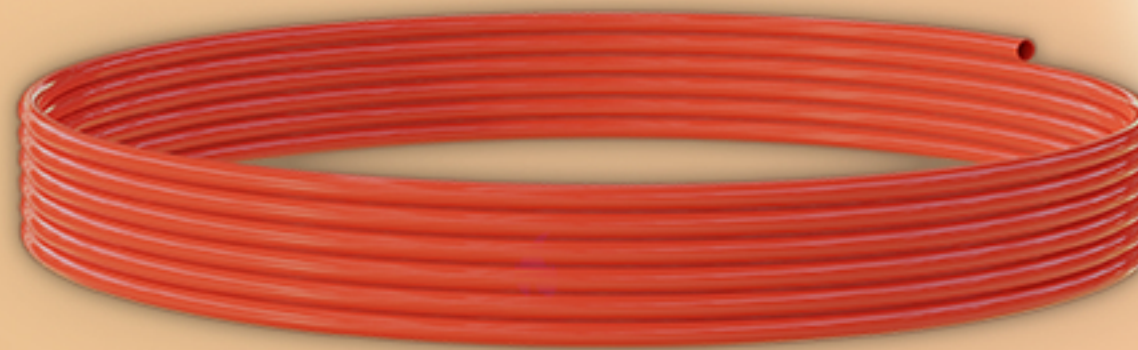
### Installation Instructions:

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.

**Part No.** ABS020-EC - 25mm  
**Fitting colour** RED  
**Diameter Tolerance** +/- 0.15mm



**JOINTING SOCKET with  
CAPILLARY ADAPTOR**



**10mm NYLON TUBING  
STANDARD LENGTH 2m**



**DISCRETE  
END CAP**

#### RAW MATERIAL DATA

**Kumho ABS 750**  
**Acrylonitrile Butadiene Styrene**

**Physical:**  
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**  
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 D256

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

**Thermal**  
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

#### 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.

#### Low Density Polyethylene (LLDPE)

Tensile Strength - 0.20 - 0.40 N/mm<sup>2</sup>  
Notched Impact Strength -  
No Break Kj/m<sup>2</sup>  
Thermal Coefficient of expansion -  
100 - 220 x 10<sup>-6</sup>  
Max Cont Use Temp - 65°C  
Density - 0.915 - 0.930 g/cm<sup>3</sup>  
Flexural Modulus - 0.35 GPa  
Strain at Yield - 20%  
Flammability UL94 - HB  
HDT at 0.45MPa - 45°C  
HDT at 1.80 MPa - 37°C

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