

DISCRETE SAMPLING KIT

(ABS020 - 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.

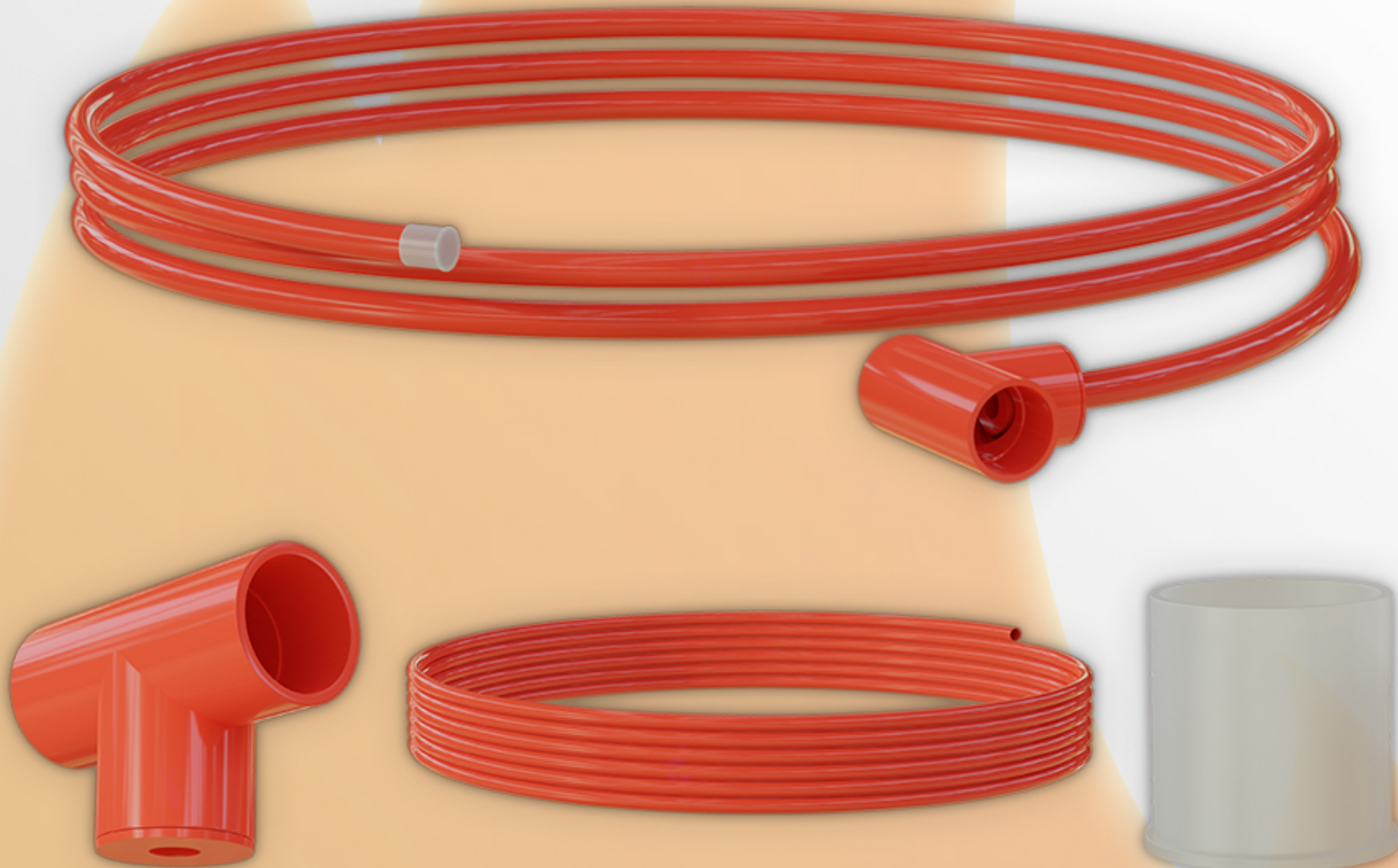
Keep pipe clean and free from dust.

Do not install in direct sunlight.

Only install with approved pipe.

Do not use solvents to clean, only soapy water.

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



TEE ADAPTOR
ABS022/25

10mm NYLON TUBING
STANDARD LENGTH 2m

DISCRETE
END CAP

RAW MATERIAL DATA
Kumho ABS 750 Acrylonitrile Butadiene 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), 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/mm² Notched Impact Strength - No Break Kj/m² Thermal Coefficient of expansion - 100 - 220 x 10-6 Max Cont Use Temp - 65°C Density - 0.915 - 0.930 g/cm³ 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