

FLEXFLYTE SUPER

PRODUCT DESCRIPTION

Flexflyte Super is a lightweight, highly flexible ducting made from a 2 ply wall of thermoplastic rubber reinforced with axial and helical yarns and supported by a thermoplastic coated spring steel helix.

It has good oil and chemical resistance, and excellent weathering and ageing properties. This results in a product ideal for air handling in harsh environments (especially automotive, underbonnet, air intakes), fume removal and air conveyance (in a variety of industrial machinery applications where similar conditions of temperature extremes, vibration and chemical contamination exist).



INDUSTRIAL FUMES



CHEMICAL FUMES



WELD FUME



AUTOMOTIVE



OIL MIST



NON-AROMATIC SOLVENTS



AEROSPACE

FEATURES

Lightweight: light in weight and easy to handle.

Very Flexible: highly flexible construction. Cross sectional area is maintained on sharp bends.

Durable: high tensile strength with good resistance to repeated and severe flexing. Excellent heat ageing characteristics.

Flame Resistance: meets MVSS302 < 100mm per minute burn rate.

Good Resistance to Tearing: the axial and helical yarns ensure good resistance to tearing.

Chemical Resistance: good resistance to many oils, greases, solvents and industrial chemicals in the vapour phase at moderate concentrations.

End Fittings: a range of injection moulded end cuffs are available for applications which require security of attachment or a leak tight seal.

Standard Length: 10 metres.

Colour: black.

Temperature Range: -20°C to +130°C in 20°C ambient. (Intermittent duty: -40°C to +150°C).

| Nominal Bore (mm) | Total Weight (g/m) | Inside Radius (mm) | Working Pressure (kPa) | Working Vacuum (mmHg) |
|-------------------|--------------------|--------------------|------------------------|-----------------------|
| 25 | 180 | 7 | 170 | 350 |
| 32 | 210 | 10 | 160 | 350 |
| 38 | 240 | 12 | 155 | 350 |
| 44 | 265 | 20 | 145 | 350 |
| 51 | 335 | 22 | 140 | 350 |
| 60 | 395 | 24 | 115 | 350 |
| 64 | 400 | 28 | 105 | 350 |
| 70 | 435 | 30 | 90 | 350 |
| 76 | 720 | 32 | 70 | 350 |
| 80 | 755 | 34 | 65 | 340 |
| 89 | 805 | 36 | 60 | 335 |
| 102 | 925 | 38 | 55 | 330 |
| 114 | 1040 | 42 | 50 | 290 |
| 128 | 1130 | 46 | 40 | 245 |
| 140 | 1245 | 50 | 30 | 200 |
| 152 | 1345 | 52 | 25 | 160 |

Diameters shown are stock items.
Other diameters are available - please contact us for more details.