

NDA Engineering Equipment Limited

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Flexible Ducting



THERMAFLEX GLASFLEX

CONSTRUCTION: PVC coated glass fibre cloth with supporting steel helix.

FEATURES: lightweight, economical, fire resistant to BS476 parts 6, 7 and 20

STANDARD LENGTH: 6 metres

DIAMETER RANGE: 51mm to 610mm

COLOUR: grey.

TEMPERATURE RANGE: -5°C to +90°C in 20°C ambient.

ALTERNATIVE CONSTRUCTION: also available with a scuff proof external helix where external abrasion resistance is essential (Thermaflex)



POLYURETHANE PU7 MEDIUM DUTY

CONSTRUCTION: highly flexible tough polyurethane ducting made from 2 ply polyurethane liner and cover, fully encapsulating a spring steel helix.

FEATURES: lightweight, very abrasion resistant, flexible, smooth bore, non-toxic.

WALL THICKNESS: 0.7mm

STANDARD LENGTH: 10 metres.

DIAMETER RANGE: 38 to 356mm

COLOUR: transparent.

TEMPERATURE RANGE: -30°C to +119°C in 20°C ambient.

APPLICATIONS: a robust ducting which provides exceptionally long service life. Ideal for the conveyance of highly abrasive materials such as sawdust, wood splinters, metal filings and granulates, for use in foundry, and general industrial applications.



FLEXFLYTE SUPER

CONSTRUCTION: 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.

FEATURES: lightweight, highly flexible, good weathering and ageing resistance. Oil and chemical resistance. Available with moulded cuffs.

STANDARD LENGTH: 10 metres

DIAMETER RANGE: 25mm to 356mm
Diameters above 152mm are constructed from a single ply wall of thermoplastic rubber coated polyester fabric.

COLOUR: black.

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

APPLICATIONS: automotive air intake, hot air handling, dust and fume extraction, weld fume removal



SUPERFLEXTRACT

CONSTRUCTION: highly flexible, wire reinforced hose, with a wall of plasticised PVC and with axial and helical reinforcing yarns, supported by a PVC-coated spring steel helix.

FEATURES: good abrasion resistance, high tensile strength

STANDARD LENGTH:
up to 76mm i.d. - 15 metres.
above 76mm i.d. - 10 metres.

COLOUR: black with white yarns.

TEMPERATURE RANGE: -5°C to +80°C at 20°C ambient.

APPLICATIONS: air handling and dust and fume extraction. Domestic and industrial vacuum cleaners.

ALTERNATIVE CONSTRUCTION: Anti-static (AS) and non PVC (Ultraflex) versions are available.



FLEXEXTRACT 2001

CONSTRUCTION: aluminum-coated and laminated glass fibre fabric mechanically interlocked by a corrosion resistant metal helix.

FEATURES: high specification, heavy duty duct with excellent external abrasion resistance. Compressible solvent-free construction. Excellent flame resistance exceeds the requirements of BS476 parts 6, 7 and 20

STANDARD LENGTH: 10 metres

DIAMETER RANGE: 51mm to 610mm

COLOUR: silver

TEMPERATURE RANGE: -40°C to +200°C in 20°C ambient.

ALTERNATIVE CONSTRUCTION: available in a pre-insulated version (2009).

APPLICATIONS: heating, ventilating and air conditioning systems, fume extraction.



FLEXFLYTE U8

CONSTRUCTION: flexible duct made with copper coated spring steel helix, covered with a silicone coated and impregnated woven glass fibre fabric having an outer cord of silicone coated glass fibre.

FEATURES: extremely lightweight, very flexible, good heat and chemical resistance.

STANDARD LENGTH: 4.0 metres

DIAMETER RANGE: 13mm to 305mm

COLOUR: red.

TEMPERATURE RANGE: -60°C to +300°C in 20°C ambient.

APPLICATIONS: air handling, light dust extraction, fume extraction where high temperatures are present

ALTERNATIVE CONSTRUCTION: also available in lined smooth bore (L8)

Just a small selection to show our capabilities