



FRESH AIR SUPPLIES

CLEAR POLYURETHANE FLEXIBLE DUCTING

ABRASION RESISTANT • LIGHTWEIGHT • FLEXIBLE • DURABLE

Our clear polyurethane flexible ducting is made from high quality, abrasion resistant polyurethane with a copper coated spring steel wire spiral. Designed for a wide range of industrial applications requiring excellent flexibility, high strength and outstanding resistance to abrasion, oil and chemicals.



APPLICATIONS

- Abrasive material suction and transport
- Paper and textile fibers in absorption and transport
- Granular conveyor hose
- Handling small-grained abrasive powders
- In the suction line of oil spraying machines
- Mechanical pressure protection hose
- Dust – Chip Suction Hose in Dust Collection Systems
- Light duty suction hose and delivery hose for corrosive solids, liquid and gaseous media
- It is the ideal product for air, land, and sea vehicles, rail systems, and the defense industry.



PROPERTIES

- Resistant to abrasion.
- Copper coated wire preventing static electricity
- Oil and fuel resistant
- Good elasticity
- Resistant to germs
- Aerodynamically optimal
- Very high chemical resistance
- Good resistance to UV and ozone
- So light
- Small bend radius
- High tensile and bursting strength
- Very smooth inner surface
- Optimum flow characteristic
- Resistant to seasonal temperature differences and outdoor weather condition



TEMPERATURE RANGE



PREMIUM
QUALITY
PU DUCTING



TECHNICAL SPECIFICATIONS

Material – Hose Wall	100% abrasion resistant polyurethane
Spiral	Copper coated spring steel wire
Lengths Available	Sold in 5m lengths
Wall Thickness	0.5 – 0.7mm
Temperature Range	-40°C to +90°C (Short term +125°C)
Colour	Transparent (Clear)
Properties	See list on the left
Applications	See list on the left

DUCT CONSTRUCTION



Copper coated
spring steel wire
spiral

100% abrasion
resistant polyurethane
hose wall



ABRASION
RESISTANT



ANTI-STATIC
(COPPER COATED WIRE)



OIL & FUEL
RESISTANT



HIGH CHEMICAL
RESISTANCE



UV & OZONE
RESISTANT



LIGHTWEIGHT
& FLEXIBLE



SMALL BEND
RADIUS



RESISTANT
TO GERMS

Get in touch with the
Fresh Air Supplies Team!



Call:
+44 (0) 28 86752336



Email: sales@freshairsupplies.co.uk
IE: sales@freshairsupplies.ie