

Tecflex PU - Dust Extraction Hose



- Translucent polyurethane.
- Outstanding abrasion resistance.
- Comprehensive size range.
- Ideal for a wide range of applications.
- Quality at a realistic price.

Description

Tecflex PU is a flexible ducting with a smooth internal bore. It offers excellent abrasion resistance with a working life many times longer than traditional types of ducting. Its capacity to resist abrasion makes it ideal for many industries including wood-working, dust extraction and conveyance of plastic granules, abrasive powders, dust particles etc.

Construction

Tecflex PU ductings are manufactured using medium weight polyester polyurethane which is welded to form a continuous surface. The resulting structure is supported by a PVC coated spring steel wire helix which is embedded into the polyurethane.

The encapsulation of the wire helix between the inner and outer hose wall results in an exceptionally smooth inner wall.

With the above construction Tecflex PU offers excellent abrasion resistance in a wide variety of applications and very good resistance to fumes of oils and solvents.

Product Data

Diameter range	- 51mm (2") to 305mm (12")
Temperature range	- From -40°C to +100°C
Standard length	- 10 metres
Abrasion	- Excellent abrasion resistance
Colour	- Translucent
Wall thickness	- 0.5mm up to 89mm dia. Thereafter 0.6mm

Technical Data

Diameter mm	Weight Kg/m	Bend Radius mm	Max. Work Press. bar	Max. Vacuum bar
51	0.27	50	1.30	0.28
65	0.53	65	1.05	0.25
76	0.60	75	0.80	0.20
80	0.65	80	0.70	0.18
89	0.71	89	0.60	0.18
102	0.80	100	0.60	0.15
115	0.90	115	0.50	0.13

Applications

Tecflex PU may be used in a wide variety of applications and is recommended for use where its enhanced life expectancy will provide the user with significant cost savings. Typical applications include dust extraction, wood chip extraction and conveyance of plastic granules, abrasive powders etc. Its transparency will be of particular benefit in many applications. UV and ozone resistant.



Diameter mm	Weight Kg/m	Bend Radius mm	Max. Work Press. bar	Max. Vacuum bar
127	1.00	125	0.40	0.12
152	1.20	150	0.25	0.10
160	1.32	160	0.25	0.10
178	1.48	175	0.25	0.10
203	1.69	200	0.20	0.09
254	2.05	250	0.15	0.08
305	2.48	300	0.12	0.06

Technical data at +20°C. Tolerances: +/- 3% length. +/- 1mm diameter.