1Duct™ Flexible Ducting Product

ALL-PTFE FLEXIBLE DUCT WITH WEAR-RESISTANT METAL COIL FOR ALL APPLICATIONS

***1Duct*™ Description**

1Duct™ is a PTFE flexible ducting product for all your needs and for any environment. With a maximum temperature range of 600°F (316°C), *1Duct*™ can be used in any wet or dry application, regardless of the chemical exposure. It is unaffected by UV exposure and will not grow fungus. It can include an electrically-conductive surface material to prevent the build-up of static charge. Some market opportunities include clean rooms, chemical plants, food plants, fume exhaust, high temperature, pharmaceutical, fume control, and pollution control.

- **Corrosion-free**
- **Upper temperature limit of 600°F (316°C)**
- **6 to 1 compression ratio**
- **Extreme flexibility**

- **Wear-resistant metal ring exterior**
- **Zero-porosity material**
- **Can include a static-dissipative surface**
- **The most versatile plastic flexible duct in the marketplace**

1DUCT™ - *ONE DUCT, ANY ENVIRONMENT.*

- Includes an award-winning PTFE CrossFilm™ laminate technology.
- Lower permeation than coated products.
- Better resistance to grease wicking than coated products.
- Made with Galvanized or Stainless metal coil
- Uses a bridge clamp to achieve a tight attachment to a pipe
- Uniform PTFE thickness over fabric reinforcement.
- Higher excursion temperature capability than dip-coated PTFE materials.
- Customizable with colors, thickness, texture and PTFE logos.
- Ideal product for applications with fire rating requirements.
- Complies with FM 4910, ASTM E84, UBC 8-1, and UL 723

200 Bouchard Street, Manchester, NH 03103 USA PHONE: (603) 296-2221 FAX: (603) 296-2248 www.textilescoated.com

1Duct™ Flexible Ducting Product

ALL-PTFE Flexible Duct With Wear-Resistant Metal Coil For All Applications

Diameter (inches)	Positive Pressure (inches w.c.)	Negative Pressure (inches w.c.)	Bending Radius (inches)	Weight (lbs/ft)
3.00	181	52	1.74	0.42
4.00	118	31	2.35	0.43
5.00	81	19	2.91	0.50
6.00	62	13	3.49	0.57.
7.00	48	10	4.11	0.72
8.00	38	7	4.65	0.78
9.00	31	5	6.19	0.94
10.00	27	4	6.79	1.00
11.00	23	3	7.56	1.22
12.00	20	3	8.14	1.36

Pressure ratings assume an ambient temperature of 70°F.
Bending radius to the inner side of the elbow of hose.

200 Bouchard Street, Manchester, NH 03103 USA PHONE: (603) 296-2221 FAX: (603) 296-2248 www.textilescoated.com