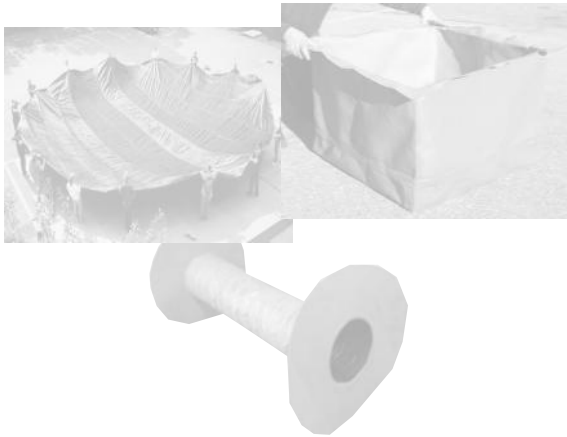


Company Profile

Textiles Coated International has been manufacturing high performance composites and laminates in Amherst, New Hampshire since 1985.

With a focus on consistent manufacturing of quality products, we continually provide new material solutions to assist the evolving needs of our customers.

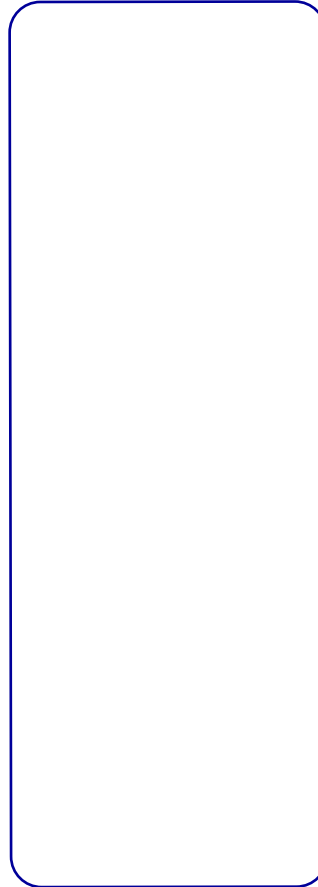
Our composites and laminates, which can be found in industrial applications worldwide, are engineered for the most challenging thermal and chemical environments.



Industrial Applications Include:

- **Clean Room**
- Non-metallic expansion joints.
- Chemical processing.
- Chlor-Alkali.
- Secondary containment liners.
- Tank liners.
- Flexible ducting.

Represented/Distributed by:



TEXTILES COATED INTERNATIONAL (TCI)

**PO Box 5160
Manchester, NH 03108
USA**

**Phone: 603-296-2221
Fax: 603-296-2248
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CHEMDUIT™



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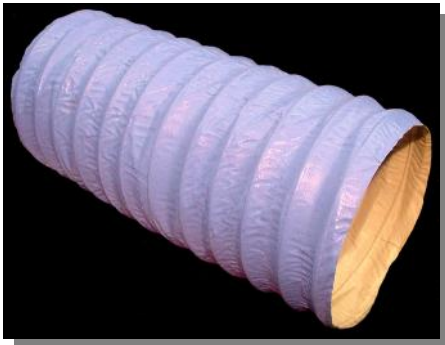
**Manufacturer of high
performance PTFE laminates for
clean room applications**

Product Description

As an economical alternative to rigid ducting for negative pressure, **CHEMDUIT™** products are designed for corrosive gas and fume-handling systems. Two plies of a 100% PTFE material called LFP encapsulate a steel coil, enabling the product for critical wet and dry applications.

CHEMDUIT has excellent resistance to fire, chemical attack, and high temperatures.

In applications ranging from semiconductor clean rooms to aluminum smelters, **CHEMDUIT** product eliminates concern for chemical attack of the flexible ducting.



Fire Resistance

It is absolutely critical that all materials used in a Clean Room be as fire resistant as possible. PTFE has been found to be one of the best flexible materials in limiting flame and smoke in fire tests.

The two most common fire tests are ASTM E-84, and its daughter tests, UL-723 and UBC 8-1; as well as Factory Mutual test number 4910.

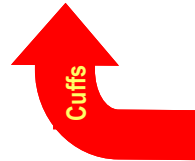
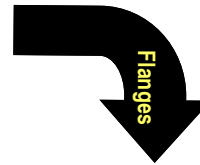
Please note the following results:

Test Number	Acceptable Results	PTFE Results
ASTM E-84	Flame Spread Index.....<25 Smoke Development Index.....<50	0 5
FM 4910	Fire Propagation Index.....<6 Smoke Damage Index.....<5	4 .001r

Technical Properties

CHEMDUIT Flexible Ducting

- Unaffected by constant exposure to wet, chemical environments.
- Wide temperature range - 100°F to 500°F / -73°C to 260°C.
- Interior and exterior plies are 100% PTFE.
- Excellent non flammability properties.
- Positive and negative pressure capability.
- Lightweight, yet mechanically durable.
- Wide range of duct diameters and lengths.



☞ **"PTFE"** flexible duct with superior chemical resistance, thermal stability, and mechanical strength.

☞ **"PTFE"** flexible duct with durable, impervious, interior and exterior **LFP™** corrosion barriers which are available in a variety of thicknesses and with many special features.

☞ **"PTFE"** flexible duct containing a strong laminated seal that encapsulates a rugged spring steel coil and joins together the two **LFP™** corrosion barriers.

Other Clean Room Applications



Chemical Gas
Condenser
System



Flexible
Connectors



Safety
Shields/Flange
Guards



Tank
Linners



Sampling
Bags