

Thorburn Flex Inc

Flexible Piping Specialist

www.thorburnflex.com



PTFE LINED HOSE ASSEMBLIES



Thorburn, since its conception more than 50 years ago, has become a world leader in the design and manufacturing of engineered flexible piping systems. Thorburn is structured to consistently meet and exceed customers expectations in quality, value and service.

Thorburn's PTFE hose assemblies are used in applications from caustic chemical transfer like chlorine to high purity food handling and pharmaceuticals; from automotive and transportation to ground support and aerospace; from reaction injection moldings to reverse osmoses, etc.



Thorburn's PTFE hose assemblies are designed and manufactured to the highest quality standards to provide safe and cost effective solutions. Thorburn offers fast response assembly capability, using advanced hose assembly and testing techniques to ensure rapid delivery service.

Couplings & Adapters



Female Pipe End



Male Pipe End



Tube End



O-Seal Fittings & Adapters

Thorburn's Problem Solving PTFE Lined Hose Assemblies

- Chemical inertness
- Temperature resistant (-100°F to 500°F) (-73°C to 260°C)
- Flexing & temperature cycling resistant
- Low friction & low pressure drop
- Non contaminating & FDA compatible
- Non conductive & excellent dielectric properties
- Steam compatibility & non adhesive

**incredible
2 X ID
Bend Radius**



THORBURN SMOOTH BORE PTFE LINED HOSE

TS11/TS12 Series
3000 psi conductive/
non-conductive tubes

TR40 Series
500 psi Full vacuum
rubber cover

TSX16/TSX17 Series
7000 psi conductive/
non-conductive tubes



Temperature Ranges: -73°C to 260°C (intermittent service)
-54°C to 232°C (continuous service)

Design Pressure Ranges: Full vacuum to 483 bar (7000 psi)

Hose Sizes: 3/16 " to 3" ID (5 mm to 76 mm)

THORBURN CONVOLUTED PTFE LINED HOSE

TS72/TC76 Series
Conductive & non con-
ductive hose cores

TC96 Series
Polypropylene &
Kynar braid

TKP30 Series
Non-conductive aramid
polyester reinforcement



Temperature Ranges: -54°C to 204°C (continuous service)

Design Pressure Ranges: Full vacuum to 70 bar (1000 psi)

Hose Sizes: 1/4 " to 4" ID (6 mm to 100 mm)

Thorburn's Quality System is registered and certified to:



ISO 9001 N285.0

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THORBURN FLEX INC

173 Oneida Drive, Pointe-Claire, Quebec, Canada H9R 1A9

TEL: +1-514-695-8710 Ext-306 FAX: +1-514-695-1321

Toll Free (Canada & USA) 1-800-363-6613

Email: sales@thorburnflex.com



MADE IN CANADA