



# **EAT•N** | Hydraulics

**Everflex® PTFE**

Marketing Brochure



**When Rubber  
Hose is  
Not Enough**

## **Unmatched strength. Ultimate flexibility.**

No other product offers the performance and efficiency of Everflex PTFE Hose.

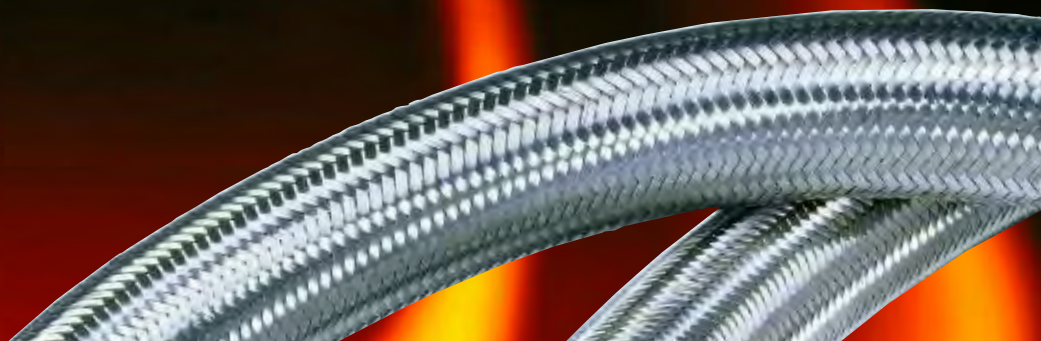
- Functions smoothly at extreme temperatures.
- Withstands constant flexing and vibration.
- Resists fatigue and failure under high pressure.
- Carries fluids of all kinds without contamination.

Polytetrafluoroethylene (PTFE) is an engineered fluoropolymer with ideal characteristics for use in hose applications.

extreme  
temperatures

constant  
flexing

high  
pressure



# “When Rubber Hose is Not Enough...”



## Features

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Wide range of operating temperatures

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Resists deterioration; impervious to weather

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High chemical resistance

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Non-reactive with most hazardous fluids

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Compatible with steam; easy to clean and sterilize

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High flow rates; low coefficient of friction

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Smooth-bore, convoluted, conductive, non-conductive

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## Everflex PTFE

**Everflex PTFE Smooth Bore Hose** is specified in some of the most difficult applications in the industry. It delivers:

- High temperature resistance
- Excellent flex life
- Resistance to most chemicals
- Steam compatibility and nonadhesion

A reinforcing 304 stainless steel wire cover adds strength and durability to withstand high working pressures and harsh environments.

Everflex PTFE hose is ideal for applications that require steam cleaning of an assembly or transfer of highly viscous media such as adhesives, paints or food products.

Everflex Smooth Bore PTFE Hose is a proven performer in high-temperature hydraulic and pneumatic systems like those found in steel and paper mills, foundries, trucks, buses, and air compressors.

For unmatched strength and ultimate flexibility, choose **Everflex PTFE Hose**

# Everflex PTFE

## Benefits

Reduces number of hose types needed in inventory

Simplifies storage and handling requirements

Reduces cost of replacing worn or damaged hose

Improves operator and workplace safety

Reduces maintenance, labor and material costs

Increases work process efficiency

Increases life span of hose



## Everflex PTFE

### Everflex Conv-O-Crimp

Eaton ships every Conv-O-Crimp fitting with a factory installed sleeve on the insert. This eliminates the time consuming, costly and subjective step of wrapping the hose end with PTFE tape before assembly. The end result is a hose assembly

system that is second to none in ease of assembly fabrication. Common industrial configurations are available in carbon steel and 316 stainless steel (wetted surfaces). Finished assemblies can be acquired from an authorized Eaton Distributor.



Everflex PTFE Hose is specified in some of the most difficult applications in the industry, such as:

- Vacuum/Steam Lines
- Spray Paint
- Marine/Military
- Aerospace
- Biomedical
- Chemical Processing
- Industrial Adhesives
- Paper Mill
- Truck and Bus
- Paint Ball



## Everflex PTFE



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**Hydraulics**

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