

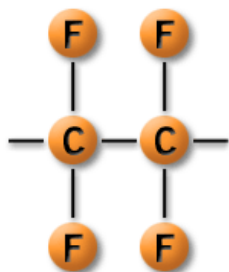


HINDUSTAN NYLONS

www.hindustan-nylons.com



Manufacturer of PTFE PolyTetraFluoroEthylene & Filled PTFE Products

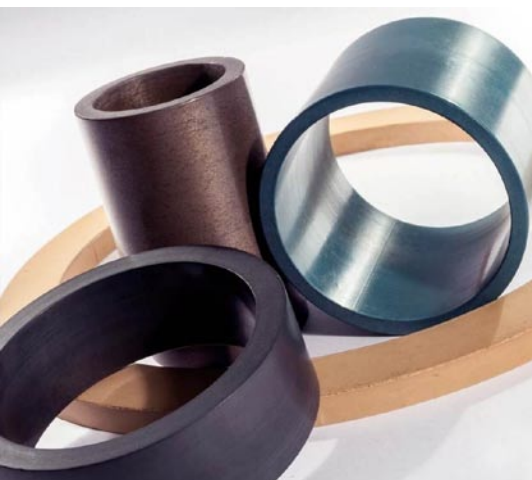


Hindustan Nylons is leading ISO 9001:2015 manufacturer, supplier & exporter of PTFE Products from Miraj, Sangli District, Maharashtra State, in India. Hindustan Nylons manufactures PTFE & Filled PTFE Products and is Top Technical company in PTFE Processing in India. The Company manufactures PTFE semifinished Products such as PTFE Molded & Ram Extruded Rods, PTFE Molded & Skived Sheets, PTFE Molded Bushes, PTFE Ram Extruded & Paste Extruded Tubes, PTFE Machined components in variety of filled grades of PTFE.

Properties of PolyTetraFluoroEthylene

PolyTetraFluoroEthylene PTFE is high performance Engineering Plastics having unique properties:-

- PTFE is chemically Inert & non reactive to almost all known chemicals.
- PTFE has Excellent Thermal Resistance upto 260°C
- PTFE is non-adhesive, non bondable & has Anti Stick Properties.
- PTFE is material with exceptionally low coefficient of friction.
- PTFE has Outstanding Electrical Insulation properties.
- PTFE has Excellent weathering resistance.



Grades of PTFE and Filled PTFE

Sr. No.	Grade	Filler Content by Wt. %	Standard Series
1	Virgin PTFE	-	Yes
2	Chemically Modified PTFE	-	Yes
3	Glass Filled PTFE	15-25	Yes
4	Glass + MoS ₂ Filled PTFE	5 / 15 + 5	Yes
5	Carbon/coke Filled PTFE	25-35	Yes
6	Graphite Filled PTFE	15-25	Yes
7	Bronze Filled PTFE (Oxidized / Non-oxidized)	40-60	Yes
8	Bronze plus, Molybdenum Disulphide Filled PTFE	40 / 55 + 5	Yes

There are many Non-standard Filled Grades of PTFE such as -

- 7-14 % Aluminum Oxide (Alumina) Filled PTFE
- 5-15 % Mineral / Wollastonite / Calcium Silicate Filled PTFE
- 5-10 % Calcium Fluoride Filled PTFE
- 50 % Stainless Steel Filled PTFE
- 5-10 % Mica Filled PTFE
- 10 - 20 % Peek Filled PTFE
- 0.1 - 0.2 % MoS₂ Filled PTFE
- Pigmented PTFE
- Anti - Static PTFE
- Conductive PTFE

Hindustan Nylons manufactures all these grades of PTFE products with specific filler contents against specific order on request subject to Minimum Order Quantity.

There are many popular filled grades **PTFE** Products brand-named as **Trexonn, Turcite B, Rulon AR, Rulon AJ Gold** having specific properties, designed for specific service and applications.



PTFE : TOUGH Polymer for Environment
www.hindustan-nylons.com



PTFE

PRODUCT RANGE

PTFE STANDARD STOCK SHAPES



PTFE Molded Rods

Hindustan Nylons manufactures Molded PTFE Rods in variety of standard sizes.

Diameter: 25mm-500mm, Length: 300mm

PTFE Ram Extruded Rods

Hindustan Nylons manufactures Ram Extruded PTFE Rods in variety of standard sizes.

Diameter: 5mm-100mm,
Length: 900mm / 1000mm / 2000mm



PTFE Molded Bush

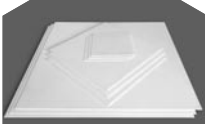
Hindustan Nylons manufactures Molded PTFE Bush in variety of standard sizes.

Outer Diameter: Up to 500mm, Length: Up to 1000mm

PTFE Molded Sheets

Hindustan Nylons manufactures Molded PTFE Sheet in variety of standard sizes.

Dimensions: Up to 1200mm X 1200mm, Thickness: Up to 100mm



PTFE Skived Sheets

Hindustan Nylons manufactures PTFE Skived Sheet in variety of standard sizes.

Thickness: Up to 3mm, Width: Up to 1200mm

PTFE Ram Extruded Pipe

Hindustan Nylons manufactures Ram Extruded PTFE Pipes in variety of standard sizes.

Diameter: Up to 100mm, Length: Up to 3300mm

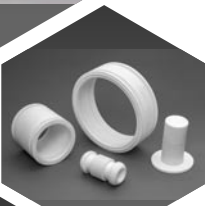


PTFE Paste Extruded Tubings

Hindustan Nylons manufactures Paste Extruded PTFE Tubings in variety of standard sizes.

Wall Thickness: 0.8, 1, 1.5 From 1.6 mm ID, up to 25 mm

PTFE MACHINED COMPONENTS



PTFE Bellows / Expansion Joints

Hindustan Nylons manufactures PTFE Bellows/ Expansion Joints from full vacuum up to high pressure (10 kg/cm²) application with accessories such as internal sleeve, external ring, Connection Rods, Connection Flanges etc. Diameter: 25mm ID ~ 600mm ID, Length: up to 300mm

PTFE Gaskets

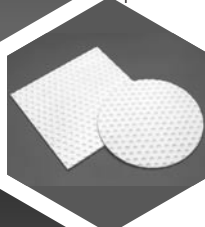
Hindustan Nylons manufactures PTFE Gaskets as per variety of standards such as ASA, DIN, BS etc. for raised face & full face flanged joints. PTFE Gaskets are produced in various types such as slit type Envelop Gaskets, milled type Envelop Gaskets & Ready Cut/Solid Gaskets. Diameter: Up to 1000 NB, Thickness: 0.5+0.5, 0.5+Gap+0.5, 1.5, 2, 3mm



PTFE Valve Component

Hindustan Nylons manufactures PTFE Valve Components such as:- Ball Valve Seals & Seats, Butterfly Valve Seats & Liners, Plug Valve Sleeves in variety of Grades such as:- Virgin PTFE, Modified PTFE, Filled Grades of PTFE. Diameter: upto 1000mm, Length: upto 1000mm

PTFE SPECIALTY PRODUCTS

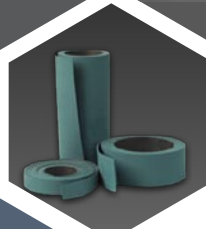


PTFE Bridge Bearing Pads

Hindustan Nylons manufactures PTFE Bridge Bearing Pads as per Indian Standard: Code IRC-83 with one side dimpled for lubricant holding & other side Sodium Itched-for Gluing. Size: upto 1000mm Square or Circular, Thickness: 3mm~6mm

PTFE Wear Strips / Bands

Hindustan Nylons manufactures PTFE Wear Strips/ Bands. PTFE Wear Strips/ Bands are manufactured in Virgin PTFE, Chemically Modified PTFE, Carbon Filled PTFE, Bronze Filled PTFE & other filled grades of PTFE. Standard Sizes: 5.8, 9.5, 14.8, 19.8 & 24.8 mm, Width: 2.5mm Thk in 25 Meters Length



Trexonn Machine Tool Slideway Liners

Hindustan Nylons manufactures Trexonn Brand Machine Tool Slideway Liners. Trexonn Slideway Liner basically consists of Liner fixed on sliding part of machine Slideway for antifriction, vibration dampening purpose. Standard Sizes: 1, 1.5, 2, 2.5, 3 mm Thickness, Width: 305mm in roll form.



Chemically Treated PTFE Parts

Hindustan Nylons manufactures PTFE Products with Chemically Treated surfaces for making bondable.

Products: Bushes, Sheets in Virgin & Filled PTFE



HINDUSTAN NYLONS

Plot No. C-23, M.I.D.C. Industrial Area, Miraj,
Maharashtra – 416410 – India

Phone : +91-9373056560 (Whatsapp), +91-9423056660 (EPBX)

E-mail : contact@hindustan-nylons.com , contact@h-n.co.in

Website : <https://www.hindustan-nylons.com>