



Alro Plastics

Your Source for Engineering Plastics

Sheet • Rod • Tube • Film • Profiles • Machined Parts

TIVAR® H.O.T.

Temperature Resistant UHMW-PE (Higher Operating Temperature)

Developed specifically to excel in chemical and thermocycling environments with temperatures ranging up to 275°F, TIVAR® H.O.T. is fast becoming the material of choice for baking, food processing and packaging, conveyor manufacturing, grain processing and many other major industries, where temperatures are too high for standard TIVAR®, but well below the need for PTFE, or other thermoplastics.

FDA/USDA-compliant, TIVAR® H.O.T. can be used as wearstrips in proofing ovens for food dehydrators; seals for pasturizers, chemical and medical processing equipment; rollers and sprockets in food processing equipment, and grain drag flights - just to mention a few common applications.

TIVAR® H.O.T.

- Extends material wear-life
- Excels in supported applications up to 275°F when standard UHMW breaks down
- Lasts up to 10 times longer than standard UHMW in higher temperature environments
- Resists abrasion, corrosion, chemicals and moisture
- Meets FDA guidelines 21CFR 178.2010 and 21CFR 177.1520 USDA compliant
- Exhibits excellent release characteristics



Applications

- Chain guides
- Conveyor components
- Flights and paddles
- Guide rails
- Liners
- Seals and valves
- Wearstrips, pads and plates

Availability

TIVAR®, H.O.T. is available in the following standard sheet sizes: 48" x 120" sheets with gauges ranging from 1/16" up to 6" thick and 48" x 240" sheets with gauges ranging from 3/4" up to 3" thick. Other sizes are available on request. It can also be extruded in rod, tube and a variety of standard and custom profiles.

Prevent oxidation and increase the life of UHMW at higher temperatures. Expansion, contraction and lower heat deflection temperatures may have to be considered.

alroplastics.com

800-877-ALRO

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Alro Plastics is an industry leader in supplying engineering plastic shapes and parts. We cut and/or ship the same day your order is placed and provide value added processing to meet the most demanding processing requirements.

PRODUCTS

ABS
 Acetal Copolymer
 Acetron® GP
 Acrylic
 Boltaron®
 Cast Nylon
 Chemgrate®
 Clear PVC
 Composolite®
 Corrugated
 CPVC
 Cutting Board
 Delrin®
 Densetec®
 Detectables
 DuraDek®
 DuraGrate®
 DuraGrid®
 DuraTread®
 Duratron®
 Ertalyte®
 Extren®
 Extrusions
 Fiberglass Grating
 Films

Foamlite®
 Fluorosint®
 G10 / FR-4
 GPO-3
 HDPE
 Hydrex® 202/301
 Hydrex® 4101/4101L
 Hydlar® Z
 Industrial Laminates
 Ketron® PEEK
 King ColorCore®
 King Hy-Pact®
 King StarBoard®
 KomaALU®
 KomaTEX®
 Kynar® PVDF
 LDPE
 Life Science Grades
 LubX® C / CV
 Makrolon®
 MC® 901 / 907
 Medical Grades
 Micarta®
 Noryl® PPO
 Nyla-Glide GR™

Nylatron®
 Nyloil®
 Nylon
 Optix®
 Palight®
 Palsun®
 PBT
 PEEK
 PET
 PETG
 Phenolic
 Plexiglas®
 Polycarbonate
 Polyethylene
 Polypropylene
 Polystyrene
 Polysulfone
 PPS
 Precision Board Plus
 Profiles
 Propylux®
 Proteus® LF PP
 PTFE / TFE
 PVC

PVC Foam Sheet
 PVDF
 Radel®
 Reprocessed UHMW
 Rubber
 SafPlate®
 SafRail™
 Sanalite®
 Semitron®
 Sustarin® C
 Tecaform®
 Tecasint™
 Techtron® PPS
 TIVAR® 1000
 TIVAR® 88
 TIVAR® H.O.T.
 Tooling Board
 Torlon® PAI
 UHMW-PE
 Ultem®
 Urethane
 VHMW-PE
 Vivak®
 WallTuf®
 Zelux®

Many products available in sheet, rod, tube and custom shapes. Please call for inquiry.



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CLEARWATER

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 Toll Free: (877) 968-9980

GRAND RAPIDS

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