

TIVAR® H.O.T. (Temperature Resistant, UHMW-PE)

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 & packaging, conveyor manufacturing, grain processing and many other major industries, where temperatures are too high for standard TIVAR®, but well below the need for Teflon, or other thermoplastics.

FDA/USDA-compliant, TIVAR® H.O.T. can be used as wearstrips in proofing ovens or 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

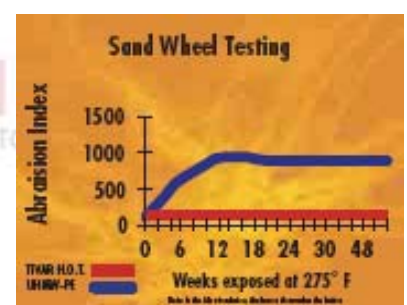
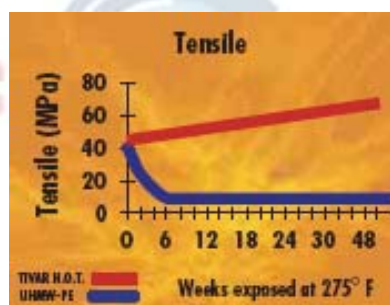
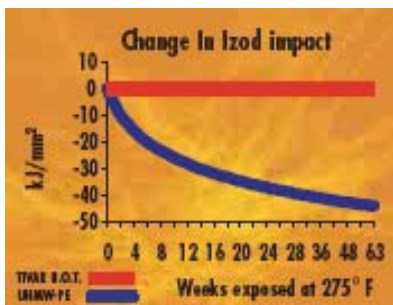
Applications:

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

Industries:

- Baking
- Chemical
- Confectionary
- Conveyor manufacturing
- Dairy
- Food processing and packaging
- Grain processing
- Medical

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



NOTE: The information contained herein are typical values intended for reference and comparison purposes only. They should NOT be used as a basis for design specifications or quality control. Contact us for manufacturers' complete material property datasheets.