

TIVAR® H.O.T.

Linings for Elevated Temperature Range



TIVAR® H.O.T.

TIVAR® H.O.T. [Higher Operating Temperature] is a PE-UHMW with extremely high wear resistance which works successfully even at higher temperatures [peaks of up to 135° C are possible]. Among other application fields, TIVAR® H.O.T. is a proven lining material especially for storage and transport containers which work at higher temperature conditions.

Advantages

TIVAR® H.O.T. extends operating times and reduces maintenance works of your machines. It offers longer operation times compared to standard PE-UHMW at higher temperatures.



Customer Benefits

- Less maintenance and increased operating times result in cost reductions and time savings.
- Due to the material's ability to inhibit the oxidation process, TIVAR® H.O.T. excels in chemical, elevated temperature and thermo-cycling environments.

Key Benefits at a Glance:

- Significantly reduced oxidation, therefore increased life span compared to standard PE-UHMW
- Excels in environments and applications up to 135° C
- Longer operation times compared to standard PE-UHMW at higher temperatures
- Increased chemical resistance compared to standard PE-UHMW
- Meets following guidelines and directives: EU Directive (EU) 10/2011, FDA guidelines 21CFR177.1520 and 21CFR178.2010, USDA guidelines and 3-A-Dairy Sanitary Standard
- Excellent release characteristics

Typical Application Fields:

Conveying industry, bulk material handling, artificial fertilizer industry, sweets and food producing industry, pharmaceutical industry

Product Availability:

- Lining
- Finished parts (e.g. conveying and sliding parts, sealings)



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