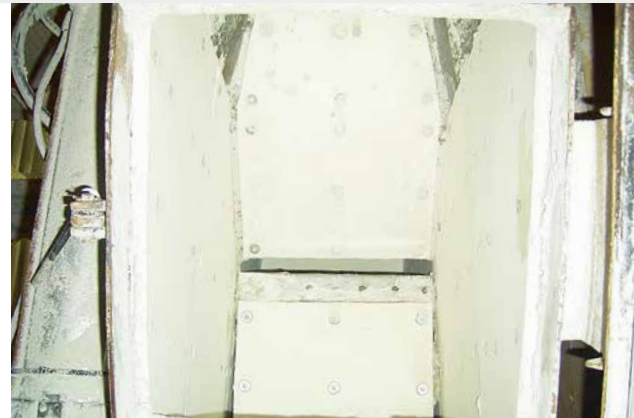


# TIVAR® H.O.T.

## Lining solutions for elevated operation temperatures



### TIVAR® H.O.T. UHMW-PE

TIVAR® H.O.T. [Higher Operating Temperature] is a UHMW-PE 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 UHMW-PE 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 UHMW-PE
- Excels in environments and applications up to 135° C
- Longer operation times compared to standard UHMW-PE at higher temperatures
- Increased chemical resistance compared to standard UHMW-PE
- 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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