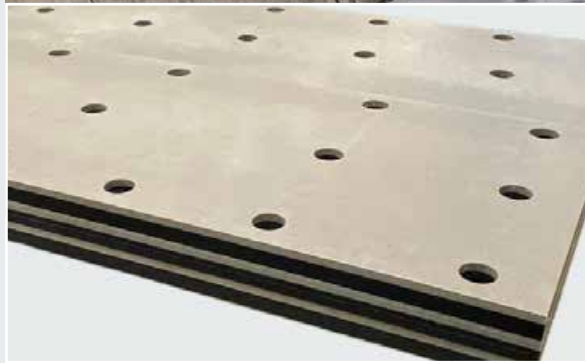


TIVAR[®] Arctic

Why TIVAR[®] Arctic?

- Helps prevent sticking at temperatures below -15°C
- Maintains typical mechanical properties of PE-UHMW like wear resistance and impact strength
- Reduces cost and increases productivity



Recommended applications

- Mining dump trucks
- On-road tipper trucks
- Railcars
- Chutes, hoppers, etc.

Low temperatures – High performance

TIVAR[®] Arctic is a modified, revolutionary lining material with great release properties even below -15°C when traditional PE-UHMW lining materials will start failing. Developed especially for use in the coldest regions on earth where temperatures can drop to -50°C, its unique and innovative formulation is based on active fillers that makes TIVAR[®] Arctic very effective when used at freezing temperatures. Field tested in Siberia, TIVAR[®] Arctic could give a very short payback time for your investment. **TIVAR[®] Arctic is Patent Pending.**

Cold challenges

- Carry back and reduced capacity due to freezing of bulk materials to unlined surfaces
- Frequent cleaning cycles to unblock frozen bulk material
- Equipment downtime and productivity losses

Advanced solution

- Hardly any freezing, excellent release of bulk material, less cleaning
- Greatly reduced carry back, increased capacity
- Productivity gains, higher equipment uptime

TIVAR® Arctic

Availability

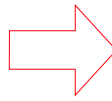
TIVAR® Arctic is exclusively available in sheet size 6200 x 1240 mm with thicknesses ranging from 10 mm and above.

Please note that TIVAR® Arctic liners might require more frequent replacement than typically known from conventional PE-UHMW liners.

The Advanced Materials Division of Mitsubishi Chemical Group (MCG) will be happy to assist customers with case-specific payback calculations.



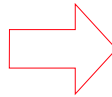
Cold challenge



Advanced solution



Cold challenge



Advanced solution

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