



## Protecting Against Wear and Abrasion

**Polycorp Protective Linings are used to protect railcar and truck tanks, storage vessels, process equipment, and pipes from corrosive and abrasive materials. Our customers benefit from our extensive product catalogue, superior technical support, and decades of experience in the rubber lining industry.**

### THE CHALLENGE

Mines and mineral processing facilities need to protect equipment from the abrasive nature of the solids and slurries that they handle.

In these operations, both sliding and impingement abrasion can result in premature wear of machines and infrastructure such as:

- Chutes
- Tumblers
- Slurry Tanks
- Pipes
- Fittings
- Cyclones
- Thickeners
- Clarifiers
- Flotation Cells
- Agitators

## THE SOLUTION

Polycorp has a full range of natural and synthetic rubber linings specifically designed to protect against wear and abrasion. These include products from our Polymeric brand of premium rubber linings, as well as our T-series linings which represent excellent value for applications with less stringent surface finish requirements.

**Soft Natural Rubber** linings are available in a variety of colors and exhibit outstanding abrasion resistance. The performance standard in the industry.

**Natural/Synthetic Blends** can enhance the abrasion resistance of natural rubber while maintaining the ease of application of natural rubber. These can also be suitable for situations requiring both abrasion and corrosion resistance.

**SBR** is a synthetic elastomer with excellent properties for wear protection.

**Neoprene** is a synthetic elastomer that is superior to natural rubber for heat and weathering resistance while still maintaining good abrasion properties.

### Select Wear Resistant Linings

- **T1000/T1001** are tan and black, 40A durometer soft natural rubber linings.
- **T1004S** is a black, 60A durometer natural rubber. It provides excellent resistance to sliding abrasion.
- **1060** is a black, 60A durometer natural rubber providing good tear and abrasion resistance.
- **2020** is a black, 47A durometer natural lining. Excellent protection against corrosion and abrasion.
- **T8000** is a tan, 40A durometer blended lining with similar physical properties to natural rubber, with 20% better abrasion protection.
- **9169** is a black, 60A durometer SBR product with abrasion protection that is superior to natural rubber.
- **2010** is a black, 60A durometer neoprene lining with an excellent surface finish.
- **T5009** is a black, 60A durometer neoprene with good abrasion, weathering and corrosion resistance.

