



## MOR (Moderate Oil Resistant) Linings for Corrosion and Abrasion Protection

Polycorp Protective Linings are used to protect rail 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

In services where low levels of oil or other hydrocarbons are present, natural rubber linings are ineffective as corrosion or abrasion barriers. Use of hydrocarbon based defoamers and flocculants are common in mining, oil and gas, or oil sands environments. These organic materials will soften natural rubber resulting in premature wear.

In many of the applications in the mining, oil and gas industries both corrosion and abrasion protection are required to protect pipes, tanks and operating equipment.



## THE SOLUTION

**Polycorp 3049 (MOR)** is a unique blend of natural and synthetic rubber offering protection where moderate oil resistance is required. In the absence of a technical standard for MOR linings, the Polycorp Team has conducted testing to provide empirical data on the level of protection afforded by our 3049 product. In addition to our superior in-service performance, this material has been designed for ease of application – eliminating the issues associated with installation of other MOR linings.

**Polycorp 3049** is a black, 55A hardness lining made of a blend of natural and synthetic rubber. It is designed for general purpose use when abrasion and moderate oil resistance is required. This unique formulation offers excellent adhesion levels to steel substrates while maintaining flexibility for ease of application. It can be cured via atmospheric steam, autoclave or internal pressure.

For further information contact your Polycorp Representative or Customer Service at [linings@poly-corp.com](mailto:linings@poly-corp.com)



Property	Value	ASTM Test Method
Hardness (Face)	55 A +/- 5	D2240
Tensile Strength (min. psi)	2500	D412
Elongation at Break (min. %)	450	D412
Specific Gravity	1.20	D927
Adhesion to Metal (min. lbs)	25	D429
Maximum Continuous Operating Temperature for Optimum Service Life	160°F/71°C	N/A