

Rubber Metal Composite Liners for AG/SAG Mills

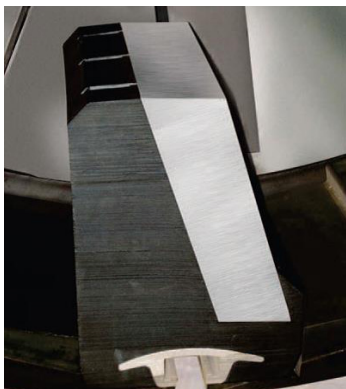
Polycorp has a long, successful heritage in the mining industry and is recognized as one of the leading mill liner manufacturers in the world.

Polycorp has installed liners in mills up to 32ft/9.8m, and has supplied Mill Liners for more than 300 mills worldwide.

A current trend in mineral beneficiation is to leverage grinding efficiency gains associated with large diameter mills. However, operating mills of increasing diameter presents significant liner service life and maintenance challenges. To meet these challenges, Polycorp offers PolyStl™ composite Mill Liners.

PolyStl™ mill liners are the composite of a proprietary wear resistant steel and high pressure molded rubber. The abrasion resistant steel allows for approximately double the service life of a standard rubber liner, and the rubber structure absorbs impact from large rocks and grinding media.

Similar liner designs have been used for many years in AG/SAG mills up to 32ft/9.8m in diameter. Polycorp has proven the quality of its designs and products via empirical testing and long service life all over the world.



Polycorp PolyStl™ mill liners are suitable for use in the following applications:

- AG (Autogenous Grinding) Mills
- SAG (Semi-Autogenous Grinding) Mills
- Large ball mills (or those using large diameter grinding media)

Polycorp PolyStl™ Mill Liners have the following advantages:

- PolyStl™ liners are usually installed with rubber plates. This reduces the overall weight of the liner assembly. Loads on shells, heads, and bearings will be reduced.
- PolyStl™ liners last longer than steel liners in many applications, thereby reducing the cost per tonne of ore processed.
- The sound pressure levels of a PolyStl™ lined mill are lower than that of a steel lined mill.

Polycorp Mining Engineering can help you increase mill reliability and availability, by designing an optimal mill liner suited specifically to your operating conditions. Polycorp can help you reduce the cost of your grinding operation today.

High Quality = Reduced Risk = Lower Cost

