



Rubber Ball Mill Liners for FGD Applications

Polycorp has a long and successful heritage in the mining industry with over 300 Mill Liners installed worldwide. Flue Gas Desulphurization (FGD) Ball Mill Liners borrow many of their design elements and technology from the mining industry. Polycorp FGD Ball Mill Liners are optimized for limestone grinding in wet FGD operations.

Environmental and emission control systems are becoming necessities in the power generation industry. Increasingly restrictive government regulations require the use of sulfur capture systems for coal fired generation plants. Flue Gas Desulphurization (FGD) equipment can be quite expensive to operate and maintain. Polycorp can help reduce the operating costs associated with wet FGD systems which utilize ball mills for limestone grinding.

Polycorp rubber ball mill liners for FGD provide long, low maintenance, and increased service life. In addition to protecting and sealing the ball mill's steel shell, the liner imparts motion to the ball charge. Careful and intelligent liner design can help to improve the operation and performance of FGD grinding mills.

Polycorp has lined many FGD mills across North America and is recognized as a supplier of premium mill liners. Polycorp can simplify and reduce the cost of your mill operations.

Polycorp FGD mill liners offer the following key features:

- Premium natural rubber blend provides superior impact and abrasion resistance
- Long service life, which reduces maintenance downtime and costs
- Custom, application specific, designs for optimized performance
- Superior grinding efficiency and slurry production capacity
- Custom solutions for high chloride content and/or caustic slurry applications

Polycorp offers the following technical services free of charge:

- Mill operation consultation
- Design optimization for liner performance (production/throughput, service life extension)
- Installation assistance
- Maintenance program consultation
- Wear monitoring to aid in liner change-out prediction

