



# KHANDELWAL INDUSTRIES

AN ISO 9001:2015 CERTIFIED COMPANY

## || Mica Washer: ||

Mica washers are flat, ring-shaped components used primarily for electrical insulation and thermal management in high-temperature and high-voltage applications. They are valued for their excellent dielectric strength and heat resistance, which can be up to 1000°C depending on the mica type.

- **Key Properties:**

Mica washers possess a unique combination of electrical, thermal, and mechanical properties that make them ideal for demanding industrial applications.

- **High Dielectric Strength :**

They offer superior electrical insulating properties, effectively preventing current leakage and electrical breakdown.

- **Heat Resistance :**

Mica is flame retardant and can withstand temperatures up to 250°C

- **Mechanical Strength :**

Mica washers have good mechanical strength, are tough, and can be precision-punched into various shapes and sizes.

- **Applications :**

Used in motor control gear, switchgears, transformers, motors, and generators for reliable insulation.

