

Graphite Electrodes for Electric Arc Furnaces

Graphite electrodes are essential for transferring electrical energy in electric arc furnaces. These electrodes are engineered to melt and refine materials in steelmaking and other metallurgical processes.



ADDITIONAL IMAGES



Product Overview

High-Performance Graphite Electrodes

These graphite electrodes are engineered for demanding industrial environments, including electric arc furnaces (EAF) and ladle furnaces. Manufactured using high-quality calcined petroleum coke, needle coke, and pitch, they offer excellent thermal shock resistance and high electrical conductivity. Designed to withstand extreme temperatures, these electrodes ensure efficient and reliable performance in steelmaking and metallurgical melting processes.

Technical Specifications

Available Grades

RP • HP • UHP

Diameter Range

200 mm

Minimum Diameter

600 mm

Maximum Diameter

Material Composition

Calcined Petroleum Coke, Needle Coke, Pitch

Logistics & Compliance

Packaging

Wooden crates

HS Code

85451100

Applications

Typical Industrial Applications

- Electric Arc Furnace (EAF)
- Ladle Furnace
- Metallurgical Melting Industries