

# 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