

Graphite Electrode

Graphite electrodes are essential components in many industrial processes. They offer excellent electrical conductivity and high thermal resistance.

Product Overview

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Graphite electrodes are essential components used in electric arc furnace steelmaking. These high-performance conductors facilitate the melting process by carrying high-current electricity to generate the intense heat required to melt scrap metal and other raw materials. They are engineered for high thermal conductivity, low electrical resistance, and excellent thermal shock resistance to withstand the demanding conditions of industrial smelting environments.

Technical Specifications

Material Composition	Graphite
Primary Application	Electric Arc Furnace, Steelmaking, Metal Smelting