



# GRAFTech

*International*

## HotPressed™ Refractory Systems

### GR37™ GROUT

**Description:** This product is a two-part carbonaceous grout with expanding flake graphite. This expansion occurs at approximately 200°C while exerting a low volume expansion pressure of less than 1 psi (7 kPa). This permits the grout to expand for a tight fit around under hearth cooling pipes and similar structures. GR37™ Grout has been used to reestablish contact between carbon refractory and cooling members, as well as stop gas leaks in blast furnace applications.

Detailed instructions and precautions for using GR37™ Grout are available from GrafTech International representatives or by contacting the address below.

ESSENTIAL PROPERTIES	Typical Average	Min./Max. Individual Sample	Comparable ASTM Test Procedure
Bulk Density (gm/cc)	1.60	1.50	ASTM C559
INFORMATIONAL PROPERTIES			
850°C Joint Strength (kPa) (Measured on Graphite at 20°C)	8900		
Thermal Conductivity (W/m°K) (Measured at 20°C)	3		ASTM C714



**GRAFTech**  
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**TECHNICAL INFORMATION**  
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