

Graphite Felt

Product Feature:

1. Excellent Chemical Stability
2. Good Electrical Conductivity
3. Long Life Cycle



Graphite Felt Technology Data

Properties	Unit	Graphite Felt			
		GF100	GF065	GF020	GF030
Thickness	mm	10	6.0 ~ 8.0	1.5~3.5	2.0~4.0
Basic Weight	g/m ²	500~800	590	---	---
Carbon Content	%	98	98	98	98
Ash Content	%	<0.2	<0.09	---	---
Thermal Conductivity @1500°C	W/mK	0.1	0.1	---	---
Tensile Strength	MPa	0.2	0.12	---	---
Voltage Loss (@500mA/cm ² & 20N/cm ²)	---	---	---	35	35

* All data are the average values that do not represent specifications and tolerance.

Applications

1. Electrode for Vanadium Redox Flow Batteries (VRBs)
2. Thermal insulation materials for vacuum burn-out furnace, powder metallurgy equipment, or heat treatment furnaces above 2000 degrees
3. Electrode materials for water purification equipment