

Graphite Felt GFE-1

- GFE-1 is a PAN based graphite felt with specialized fibers & weave designed to achieve high liquid absorption.
- The felt weave results in a more smooth surface & homogeneous structure, resulting in more stable & consistent electrical resistance



Applications

- Vanadium Reflux Batter Electrodes
- Zinc Plate Batteries

Properties

Typical Value		GFE-1	
Technical data	Unit	Index	Note
Thickness	mm	1-15	Done to Order
Thickness Tolerance	mm	±0.35	MAX
Width	m	1-1.4	Done to Order
Length	m	≥60	Done to Order
Density	g/cc	0.08-0.13	Done to Order ±0.05
Electrical Resistance	Ω.cm	0.275	MAX
Carbon Content	%	99.8	MIN
Vanadium Liquid (2 mol/L) Adsorption	g/g	17	MIN
Dropping Crumbs	%	0.168	MAX

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