Graphene Glass fabric

Graphene Aerogel

Graphene &
Its applications

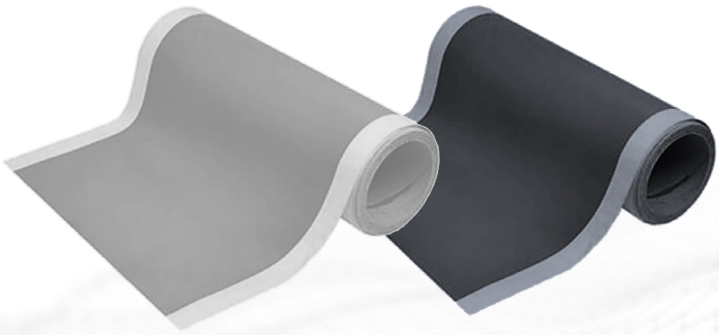
MEXPLORER®

Graphene Glass fabric fire-resistant above the flame temperature of 1300℃

Characteristics

- Graphene Glass fabric unmelted above the flame temperature of 1300℃
- Light and Thin Graphene Glass fabric (~260g/m^2)
- Suitability for the test results pursuant to Non-combustibility (KS F ISO 1182) and Gas toxicity (KS F2271)
- UL94 V-0 Flammability rating & Compliance with the RoHS Directive (six substances)

Fire-Resistant Graphene Glass fabric



Product Spec.

Product	Color	Density (g/cm^3)	Product Terms			m. p. (℃)
			thickness (mm)	width (mm)	length (m)	
FR-G Glass fabric no. 1	gray	1.30	0.2	1,300	≥100	>1300℃
FR-G Glass fabric no. 2	black	1.30	0.2	1,300	≥100	>1300℃

Graphene & Its applications
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Excellent performance of Heat insulation and Fire-resistance in **Graphene Aerogel**

Characteristics

- Excellent performance of Heat insulation and Fire-resistance realized in one body of Graphene Aerogel
- From the thinnest thickness of 1 mm, Graphene Aerogel is unmelted above the flame temperature of 1300℃
- Suitability for the test results pursuant to Non-combustibility (KS F ISO 1182) and Gas toxicity (KS F2271)
- UL94 V-0 Flammability rating & Compliance with the RoHS Directive (six substances)

Fire-Resistant Graphene Aerogel

Product Spec.

Color	Density (g/cm^3)	Product Terms			Thermal conductivity (W/m·k)	m. p. (℃)
		Thickness (mm)	Width (mm)	Length (m)	ASTM D 7984-21 (MTPS)	
black	0.2	1	1,000	≥100	0.03 - 0.04	>1300℃
		2				
		3				
		4		≥100		>1300℃
		5				
		10				

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