

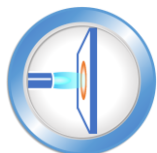
# Barrifire™ GP series (Preliminary)

## Superior Heat Resistant Glass Fibre Sheets

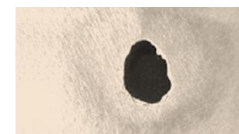
To support Sustainability by improving the fire resistance

### Fire Resistance

No through-holes formed after burning at 1170 °C by a burner flame.



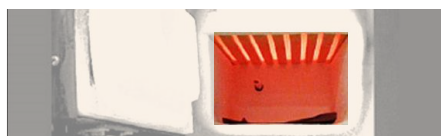
Barrifire GP



General Glass Paper

### Heat Resistance

No ignitions, maintain its size under 750 °C.



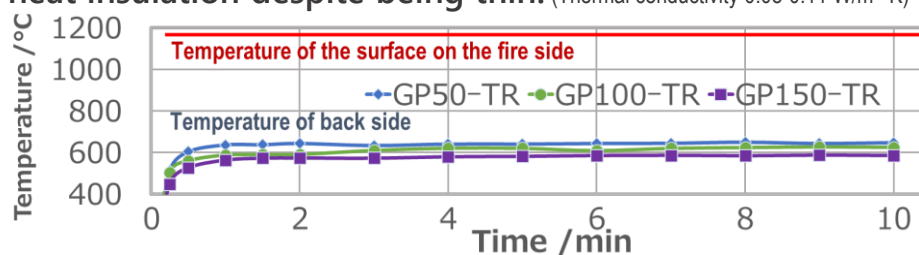
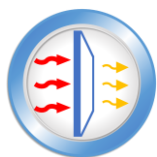
Barrifire GP



General Glass Paper

### Heat Insulation

Great heat insulation despite being thin. (Thermal conductivity 0.08-0.11 W/m · K)

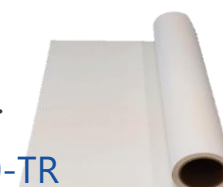


### Workability



Thin, strong  
and can easily be cut by scissors and utility knives.

GP50-TR



### Application Examples

- Protective battery covers for Electric Vehicles
- Noncombustible building materials
- Protective sheets against spatters (welding, laser processing)
- Process sheets during the heating process of metal or glass production.

### Physical Properties

	Grammage [g/m <sup>2</sup> ]	Thickness [mm]	Tensile Strength(MD) [N/m]	Elongation at break(MD) [%]	Thermal Conductivity [W/m·K]
GP50-TR	109	0.16	5,684	1.7	0.10
GP100-TR	192	0.37	10,732	1.7	0.09
GP150-TR	293	0.52	17,562	2.0	0.11

Contact us for customized products not listed above. \* The above values are typical values, not guaranteed values.