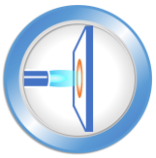
Barrifire ™ GP series (Preliminary)

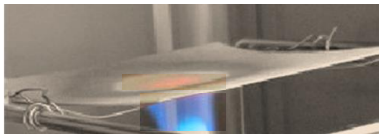
Superior Heat Resistant Glass Fibre Sheets

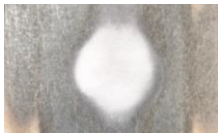
To support Sustainability by improving the fire resistance

Fire Resistance



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



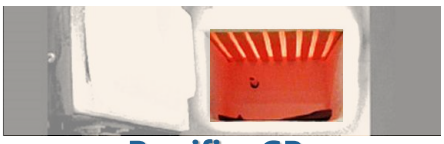


Barrifire GP

General Glass Paper

Heat Resistance

No ignitions, maintain its size under 600 ºC.

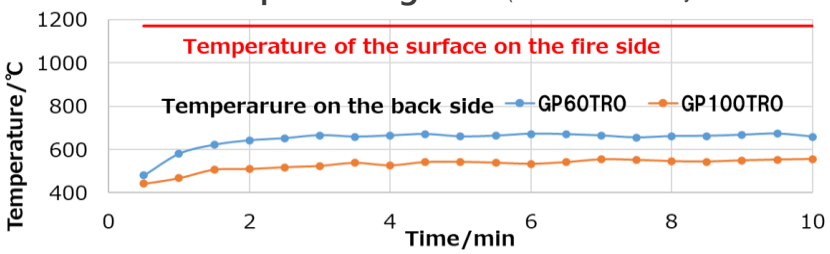


Barrifire GP

General Glass Paper

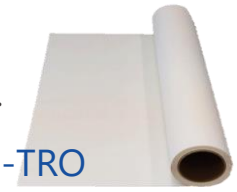
Heat Insulation

Great heat insulation despite being thin. (Thermal conductivity 0.1-0.2 W/m · K)



Workability

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



GP60-TRO

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/㎡]	Thickness [mm]	Tensile Strength (MD) [N/m]	Elongation at break (MD) [%]	Thermal Conductivity [W/m･K]
GP60-TRO	**105**	**0.20**	**6,500**	**2.2**	**0.11**
GP100-TRO	**190**	**0.33**	**9,300**	**2.0**	**0.18**

. * The above values are typical values, not guaranteed values.

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