



Clear FR-B / White FR-W

Flame Retardant Paste

1) Summary

Matsumin Clear FR-B / White FR-W are ready for use garment printing paste with "Flame-Retardant" property.

For the requirement of "Flame Retardant", simply print these products by adding desired pigment colors and fixing agent.

Clear FR-B / White FR-W use Ammonium Polyphosphate derivatives for its FR effect, so the products meet Oekotex Standard and Eco Passport requirements.

2) Nature

	Clear FR-B	White FR-W
Appearance	High Viscous White Paste	High Viscous White Paste
Viscosity	70,000 ± 10,000 mPa · s	90,000 ± 10,000 mPa · s
pH	8.0 ± 1.0	8.0 ± 1.0

3) Usage

{Standard Recipe}	Clear	White
Clear FR-B	100	-
White FR-W	-	100
Neo Color pigment	~8	~8
Fixer N	2	2

4) N.B.

- Flame Retardant requirements may vary, so a careful pre-test is a must.
- Mix well before use.
- In case any screen clogging is found, add wetting agent, Printgen EG 2-5%.
- To increase the viscosity, add Emacol R-530N at 0.1 – 0.3%. To reduce the viscosity, add Catalyst #3000 at 0.5 – 2.0%. Mix well after the addition..
- Keep sealed after each use and store in cool and dark place after use.

Recommended Parameters

Fabric Types



100% Cotton
 Cotton/ Poly Blend
 100% Polyester
 etc.

Screen Mesh



100~120 mesh/inch

Squeegee



Durometer : 70/90/70
 Square Edge

Flash & Cure



150°C x 2-3mins

Pigment



Up to 8%

AUXILIARIES



Fixer N

Storage



5°C~30°C

Clean Up



Warm water
 and mild detergent



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The above information is based on our knowledges and experiences currently available. Please, test and evaluate before the actual use.