



TECHNICAL DATA SHEET

Version 4
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SMARTSTAK PHP 5020

Type of Adhesive

Smartstak PHP 5020 is a multifunctional hot melt adhesive used for carton/pallet stabilisation and carton manufacture. Used on UV varnished, Aqueous varnish, Recycled, Kraft and BOPP coated board.

Product Benefits

- Excellent pallet stability – reducing and/or eliminating the need for stretch wrap, therefore reducing cost and impact on the environment
- Almost transparent on the carton to retain an attractive appearance
- Minimal fibre tear when de-stacking cartons, giving a better appearance and easier handling
- No sticky adhesive transfer when de-stacking cartons, therefore being easier to handle resulting in fewer customer complaints regarding glue transfer to car carpets and home floors.
- Re-stackable, so when cartons are removed and replaced, pallet stability is assured
- Adhesion and strong bond to coated and uncoated carton stock
- Wide temperature work environment ie 2°C to 70°C
- Non charring adhesive, resulting in lower maintenance costs and fewer nozzle blockages
- Viscosity in the range recommended by major equipment suppliers, giving reliable and clean application every time

Typical Properties

Raw material base	Synthetic Polymer
Colour	White (sold), Clear (molten)
Viscosity - 160°C (Brookfield)	ca. 5000cP
Viscosity - 170°C (Brookfield)	ca. 3900cP
Viscosity - 180°C (Brookfield)	ca. 2800cP
Ring & Ball Softening Point	ca. 97°C
Application Temperature Range	160-180°C
Application Method	Swirl, Nozzle, Bead
Safety Advice	Please refer to MSDS

Made in Australia

Our Focus is Clear. Perfecting Adhesives.

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