Application Areas:

Fast-setting PVAc dispersion adhesive developed for folder-gluers in carton box side-seam bonding, corrugated cardboard packaging, paper bag making, and paper converting.

Engineered for high-speed automated folding lines (200 – 400 m/min) ensuring clean, splash-free running. Not intended for woodworking or edgebanding.

Characteristics & Directions for Use:

Delivers ultra-fast setting speed, securing folded cartons immediately out of the compression belt without spring-back.

Runs cleanly on glue wheels, disc applicators, and non-contact jetting nozzles without skinning, dripping, or satellite spatter.

Processing Parameters:

Process Parameter	Specification / Condition
Recommended Operating Temp	18 – 25 °C (Ambient room temperature)
Viscosity (Brookfield @ 20°C)	1,800 ± 300 mPa·s (Spindle 3 / 20 rpm)
Application Method	Disc Wheel / Segment / Non-Contact Jetting
Open Time Window	1.5 – 3.0 minutes
Setting Speed	15 – 30 seconds (High-speed packaging)
Applied Quantity	30 – 60 g/m²

Technical Data:

Technical Parameter	Specification Value
Chemical Base	Plasticizer-Free PVAc Dispersion
Density (@ 20°C)	approx. 1.08 ± 0.02 g/cm³
Solids Content	52.0 ± 1.0 %
pH Value	4.5 – 5.5
Dry Film Appearance	Flexible Transparent Film
Food Packaging Suitability	Suitable for secondary food packaging

Performance Ratings:

Fast Setting Speed		**99 / 100**
High-Speed Line Cleanliness (No Splatter)		**98 / 100**
Fiber Tear Adhesion on Board		**99 / 100**
Nozzle Cleanliness		**96 / 100**
Film Flexibility		**95 / 100**

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Cleaning:

Wash tools with water while wet. Use Mayer Dispersion Cleaner for dried films.

Storage & Shelf Life:

Store at 15 – 25 °C. PROTECT FROM FROST! Shelf life is 12 months.

Packaging:

30 kg Plastic Pails / 1000 kg IBC Containers.

Important Remarks & Legal Notice:

Perform trial on varnished/foil-laminated flaps.

Keep from freezing.

Mayer Adhesive Engineering & Quality Standards:

ISO 9001:2015 certified QA.

High-speed folder-gluer viscosity auditing.

Phthalate-free eco-friendly formulation.

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