Application Areas:

Hot melt pressure-sensitive adhesive (PSA, 1 kg pillow format) developed for roll coating and slot nozzle lamination of paper labels, direct thermal labels, PP/PE film labels, and courier stickers.

Provides high initial loop tack and aggressive shear strength on glass bottles, plastic containers, corrugated board, and metal surfaces. Not intended for woodworking or edgebanding.

Characteristics & Directions for Use:

Maintains permanent tack at ambient temperatures without drying out or crystallizing. No adhesive bleeding or matrix ghosting during die-cutting.

Wrapped in a protective silicone release film; feeds smoothly into melt tanks and delivers a uniform, streak-free coating film.

Processing Parameters:

Process Parameter	Specification / Condition
Recommended Operating Temperature	150 – 170 °C (Slot nozzle: 155 – 165 °C)
Viscosity (Brookfield @ 160°C)	8,500 ± 1,500 mPa·s (Spindle 27 / 20 rpm)
Coat Weight	18 – 35 g/m² (Dry film)
Application Method	Slot Die / Roller Coater
Open Time Window	Permanently Open (Pressure-sensitive)
Adhesion Characteristic	High Permanent Tack

Technical Data:

Technical Parameter	Specification Value
Chemical Base	Styrenic Block Copolymer (SBC) + Tackifiers
Density (@ 20°C)	approx. 0.98 ± 0.02 g/cm³
Softening Point (Ring & Ball)	92 ± 3 °C (ASTM E28 / DIN EN 1238)
Loop Tack (Initial Tack)	> 18 N / 25mm (FINAT FTM 9 on glass)
Peel Adhesion (180°)	> 16 N / 25mm (FINAT FTM 1 on stainless steel)
Appearance & Color	Light Amber / Translucent 1kg Pillow Block

Performance Ratings:

Initial Loop Tack		**98 / 100**
Shear Strength		**94 / 100**
Coating Uniformity		**96 / 100**
Low-Temperature Adhesion		**92 / 100**
Thermal Pot Stability		**90 / 100**

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Cleaning:

Scrape while hot. Use Mayer Cold Solvent Cleaner for room-temp cleaning.

Storage & Shelf Life:

Store in a cool, dry area (15 – 25 °C). Shelf life is 24 months.

Packaging:

1 kg Pillow Blocks (Silicone release wrap - 12/20 kg cartons).

Important Remarks & Legal Notice:

Formulated for label and tape manufacturers.

Verify silicone liner release value prior to full production.

Mayer Adhesive Engineering & Quality Standards:

ISO 9001:2015 certified QA.

FINAT test method compliance testing.

100% solvent-free hotmelt formulation.

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