Mayer ProLine Flow L-303

TDS-MAYER-PRO-L303

Product Description & Function:

Mayer ProLine Flow L-303 is an Friction-reducing lubricant agent engineered for edgeband finishing units to prevent tracing shoes and scrapers from scratching sensitive, protective-foiled, high-gloss, and matte edgebandings.

Recommended Machine Position & Directions for Use:

Location: Finishing & Scraping Area (Directly onto edgeband surface and tracing shoes)
Application Method: Dispensed in micro-droplets directly onto the edgeband before flat scrapers and tracing shoes. Drastically reduces friction to eliminate shoe marks, surface stress whitening, and scratches without leaving oily residue.

Application & Processing Parameters:

Processing Parameter	Specification / Operational Value
Nozzle Position	Before radius scrapers, glue joint scrapers, and tracing shoes
Dispensing System	Precision timed intermittent micro-spray nozzle
Consumption Rate	Approx. 1 liter per 30,000 – 50,000 linear meters
Compatible Surfaces	Protective-foiled bands, High-Gloss, Super Matte, Acrylic, Soft-Touch
Special Function	Completely eliminates tracing shoe friction marks and film tears
Packaging Options	30 L canister (and 1 L refill bottles)

Processing Notes & Recommendations:

- Spray nozzle orientation and timing must be precisely calibrated to hit only the workpiece edge.
- Avoid overspray; pneumatic/airless micro-misting delivers maximum chemical efficiency.
- Periodically inspect and clean spray nozzles during shift changes.
- Conduct trial runs on delicate or high-gloss surfaces prior to full-scale serial production.

Typical Physical & Chemical Properties:

Physical Property	Specification Value
Physical State & Color	Liquid fluid, Clear Light Green
Odor	Faint neutral / characteristic
Density (@ 20°C)	0.82 ± 0.02 g/cm³
Flash Point	16 ± 2 °C (Flam. Liq. Cat. 2)
Viscosity (@ 20°C)	< 5 mPa·s
pH Value	Not applicable
Lubricating Power	Maximum surface slipperiness, zero scratching
Water Solubility	Partially miscible

Performance & Efficiency Rating:



Storage, Safety & Packaging Information:

Storage: Store in tightly closed original containers in a cool, dry, and well-ventilated area (+10 °C to +25 °C) away from direct sunlight, open flames, and heat sources. Keep container tightly sealed. Shelf Life: 24 months.
Packaging: 30 Liter industrial HDPE canister and 1 Liter refill application bottles.
Safety Notice: Contains flammable liquid and vapors. Take precautionary measures against static discharges. For comprehensive health, safety, and PPE data, refer to the official Safety Data Sheet (SDS).