

Surface protection for liquid packaging board production

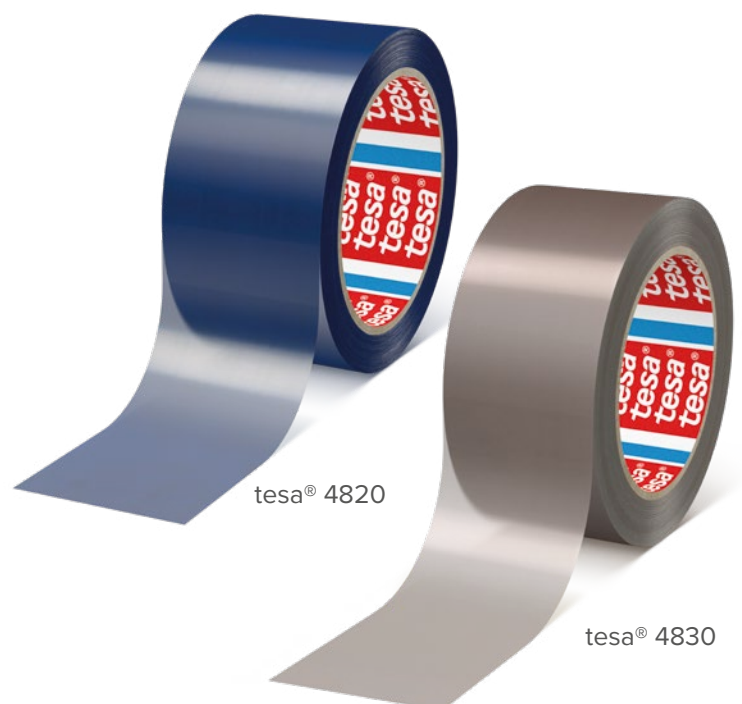
For longer durability

To support liquid packaging board manufactures we developed new polytetrafluoroethylene (PTFE) tapes. They deliver multi-functional features for belt making and roller wrapping for PE-coaters and laminators.

With our adhesive tapes liquid packaging board producers achieve greater efficiency within their production process.

Benefits at a glance

- Longer production runs
- Less cleaning due to decreased residues and oozing
- No additional machine adjustments are required



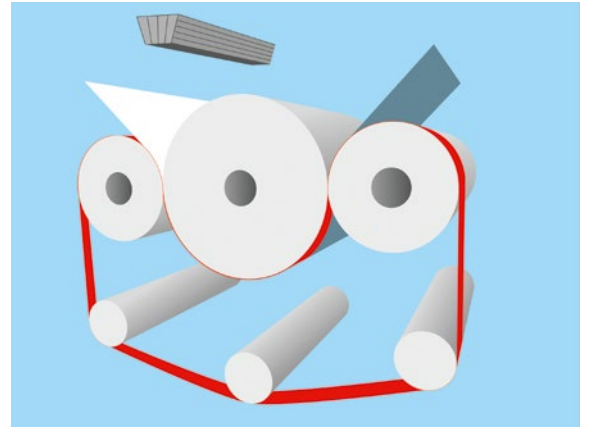
Adhesive applications for liquid packaging board production

Belting application

We enhance process efficiencies by laminating two single-sided PTFE tapes together (adhesive to adhesive). The tapes can then be guided through the machine rollers and spliced at both ends, thereby creating a PTFE belt.

Our durable PTFE tapes:

- Prevent extruded polyethylene from sticking to the rollers
- Reduce the frequency of which the cylinder is cleaned
- Minimize down-time through enhanced abrasion resistance

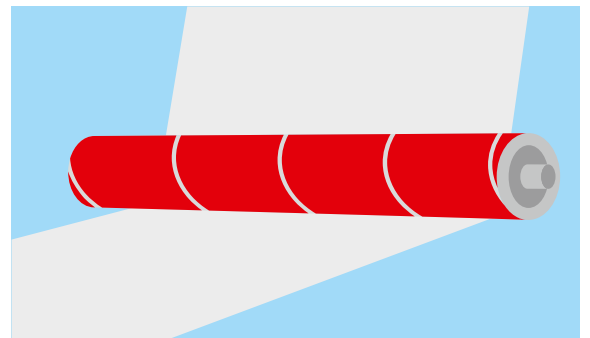


Roller wrapping application

We enable liquid packaging boards to smoothly run through the production process with the use of temperature resistance and easy release PTFE tapes.

As a result these tapes provide:

- Long durability and high mechanical strength
- Temperature resistance up to 250°C
- Easy clean-up due to non-stick PTFE surface



Product features

Parameter	tesa® 4820	tesa® 4830
Total thickness	100 µm	160 µm
Color	Blue translucent	Brown translucent
Adhesive	Silicone adhesive	Silicone adhesive
Peel adhesion to steel	2.5 N/cm	3.5 N/cm
Backing	Tensitized PTFE	Tensitized PTFE
Elongation at break	105%	150%
Tensile strength	130 N/cm	220 N/cm
Temperature resistance	250°C	250°C

Greater
efficiency
within production
processes

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