

# Surface protection for liquid packaging board production

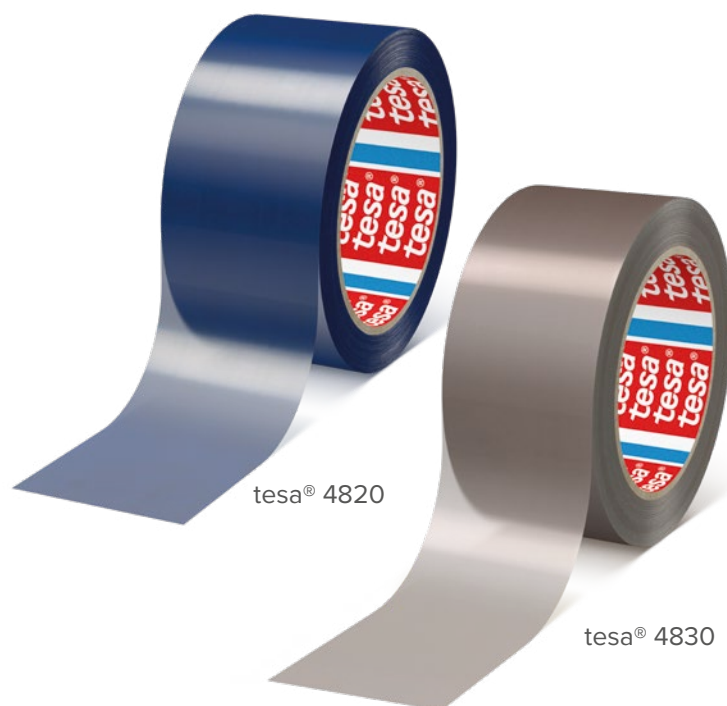
## For longer durability

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



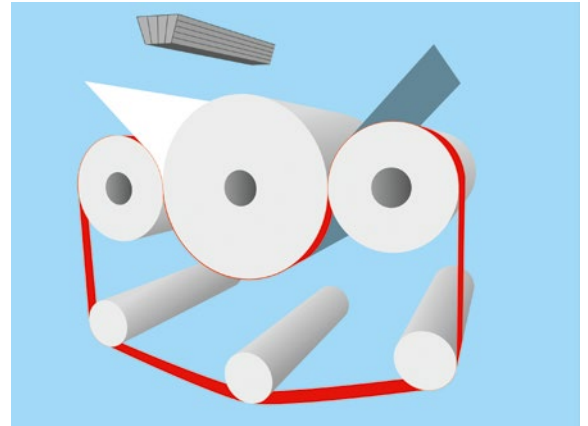
# Adhesive applications for liquid packaging board production

## 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

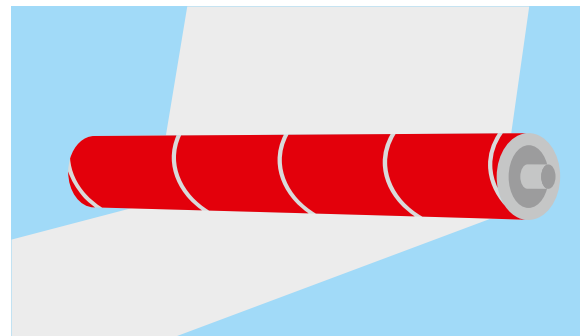


## Roller wrapping application

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                | Tensilized PTFE   | Tensilized 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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