

ESR spreader rollers

Notes on using the roller

1. Installation



The EcoStretchRoll can be precisely aligned with upstream or downstream deflection rollers by means of the end caps.

2. Starting the roller



When threading web material, make sure that the material is pulled flat over the EcoStretchRoll. Point loads caused by a rope, cord or narrow belt can lead to damage to the spreading elements. It is recommended to use a 5 cm wide belt which runs straight over the roller. This belt should not be allowed to move, as central starting on the spreader roll is optimal. The optimum infeed length is 40-50% of the web width.

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3. Damages



The use of sharp-edged objects such as knives, scissors or cutters should always be avoided. Wrapped material must be removed manually. If optical inspections reveal increased wear or other irregularities, please contact the manufacturer.

4. Cleaning



The EcoStretchRoll can be cleaned with a conventional ethyl acetate. For this purpose, a wiping cloth is moistened with the cleaning agent so that the spreading elements can then be cleaned from the centre outwards in the spreading direction.

5. Replacement



If individual expansion elements have been damaged due to improper handling, it is necessary to replace individual rings with the agreement of the manufacturer. The defective ring is removed and replaced with a new one. If it is an EcoStretchRoll with bonded rings (speeds >300 m/min), the replacement ring must be bonded to the roll core with the adhesive „Weicon Kontakt VA2500HT“.

6. Furthermore



- Check the bearing grease every 12 weeks => add the bearing grease if necessary!
- Replacement of rolling bearings for 8-hour operation/day on 240 days/year at least every 3 years.
- Store a removed roller on the end caps, not on the spreading elements.