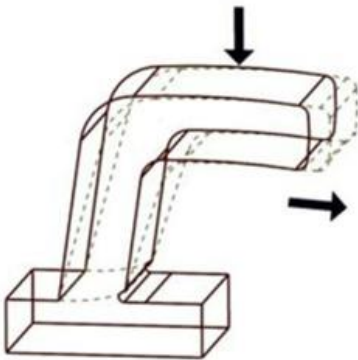


*Webtech*  
SOLUTIONS PARTNER

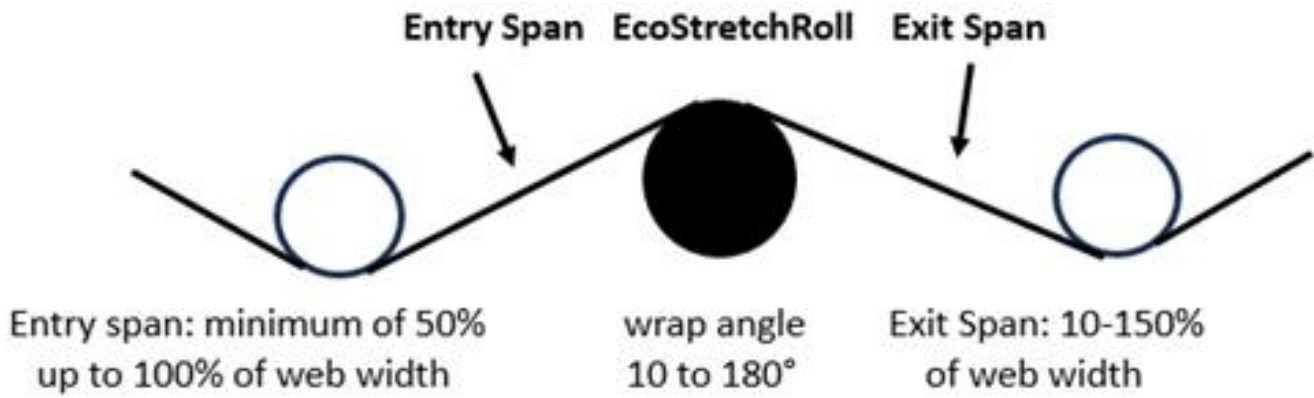
# *EcoStretchRoll*



-Precision rubber rings consisting of several individual expansion elements which work independently from one another.

-Each individual expansion element creates an active spreading force of 20-30 grams. This spreading force spreads the contact surface to the outside thus creating the spreading effect.

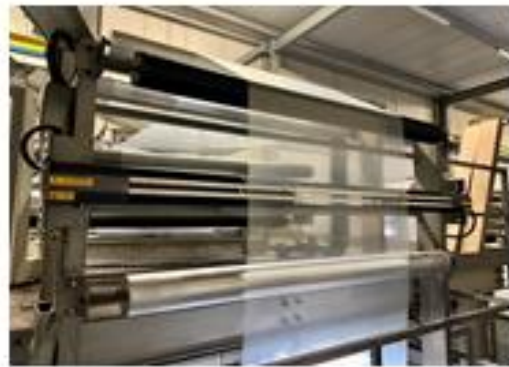
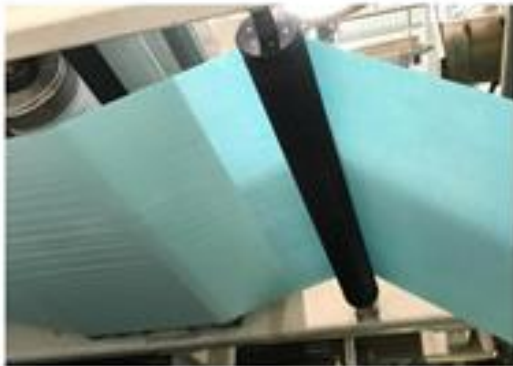
-Due to the very low force of 0.5 grams per single expansion element, the required force required to engage each element is minimal.



Locations for the EcoStretch Roller in a blown film line.



### Examples of Applications





To Receive quote: Please fill out below and send to sales@webtechteam.com

**EcoStretchRoll**

**Wrinkle Removing Roller  
 RFQ Information**

Date \_\_\_\_\_ Project Reference \_\_\_\_\_

Company Name \_\_\_\_\_

Contact \_\_\_\_\_

Email \_\_\_\_\_

Phone \_\_\_\_\_

Street \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Web width Max. \_\_\_\_\_  inch  mm

Web width Min \_\_\_\_\_  inch  mm

Max. Tension \_\_\_\_\_  LBS  Nm

Max. Speed \_\_\_\_\_  FPM  M/min

Wrap Angle \_\_\_\_\_

\*Slitting Application\*  YES  NO

Overall length \_\_\_\_\_  inch  mm

Body length \_\_\_\_\_  inch  mm "Body length is (web + 200mm)"

Prefer OD, (X in box to left of option)

	60 mm	110 mm	130 mm	150 mm
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Journal Diameter \_\_\_\_\_ 15 mm \_\_\_\_\_ 30 mm \_\_\_\_\_ 35 mm \_\_\_\_\_ 35 mm

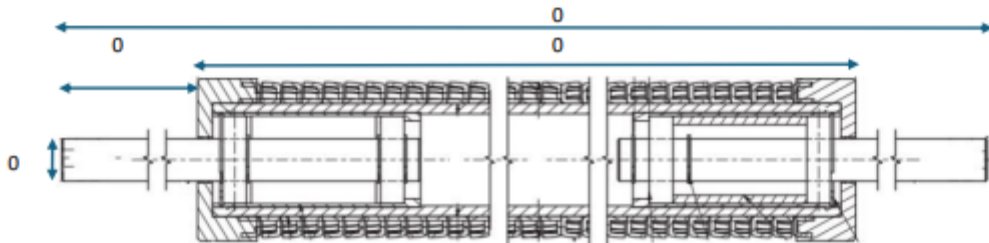
Threading Required?  YES  NO \_\_\_\_\_ Threading size requested \_\_\_\_\_

Web material \_\_\_\_\_

Ambient Temp. \_\_\_\_\_

Use of Chemicals or washdown? \_\_\_\_\_

Notes \_\_\_\_\_



**ESR-ST (Sensitive Treatment)**  
 spreads all webs >4 µm or >8gr/m<sup>2</sup>



**ESR-ST 40/60:**  
 outer diameter: 60 mm  
 speed: up to 300 m/min



**ESR-ST 80/110:**  
 outer diameter: 110 mm  
 speed: up to 700 m/min



**ESR-ST 110/130:**  
 outer diameter: 130 mm  
 speed: up to 800 m/min



**ESR-ST 120/150:**  
 outer diameter: 150 mm  
 speed: up to 1000 m/min

**Advantages of the ESR spreader rollers**



**Principle of operation**  
 1.400-2.800 independently operating individual spreader elements per meter roll length.



**Contact surface**  
 Slightly curved, large contact surfaces ensure marking-free guidance without relative movement.



**Wrap angle**  
 Full functionality at 8-180 degrees in both directions.



**Web tension**  
 Between 10 und 750 N/mtr. roll length.



**Web thickness**  
 Spreads any material thickness >4 µm and >8gr/m<sup>2</sup>.



**Multiple cutting**  
 Applicable for multiple cuttings.



**Web speed**  
 The EcoStretchRoll can be used up to 1.000 m/min. At the same time, it has vibration-damping effect and runs absolutely quietly.



**Variants**  
 The EcoStretchRoll is available in four diameters (60, 110, 130, 150 mm) and can be produced to customer specifications up to a maximum of 7.000 mm.



**Material properties**  
 TPE: wear-free, temperatur- and ozon-resitant and FDA-approval.



**Roll body**  
 Smooth-running roller from DRECKSHAGE. Lightweight aluminium roll tubes with special geometry for high bending stiffness. Fast response due to low start-up weights an low inertia.



**Assembly**  
 Each EcoStretchRoll is produced according to customer specifications and delivered ready for installation. It is ready for immediate use without external drive or adjustment.

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