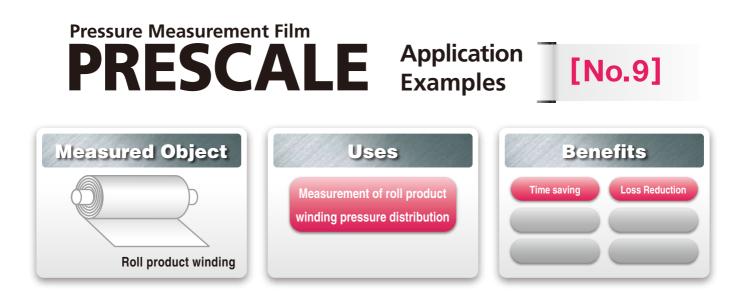
## FUJIFILM





#### Functional film, Paper, Coated paper, functional paper

<b>Applications</b>	<b>Measurement of roll</b>	product winding pressure distribution	

# Challenges

Industry

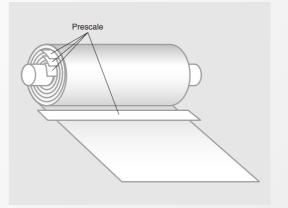
If stress and/or stress distribution during winding is not appropriate, in addition to producing externally visible defects such as star defect and telescoping, quality breakdowns such as indentations and optical distortion defects can occur. Generally, the highest pressure occurs in the core area. Blocking and tapering readily occurs in this area and can result in the loss of several tens to several hundred meters of product. Here, although winding at a low tension level is desirable, winding drift and slack winding can occur if the tension is set too low. Rolls are normally wound while tension is increased gradually. However, until recently, no method was available that could determine whether tension conditions are optimal and it was difficult to comprehend and verify the reason behind a problem even if uneven winding, drifting and pressure concentration occurred.

### Measurement

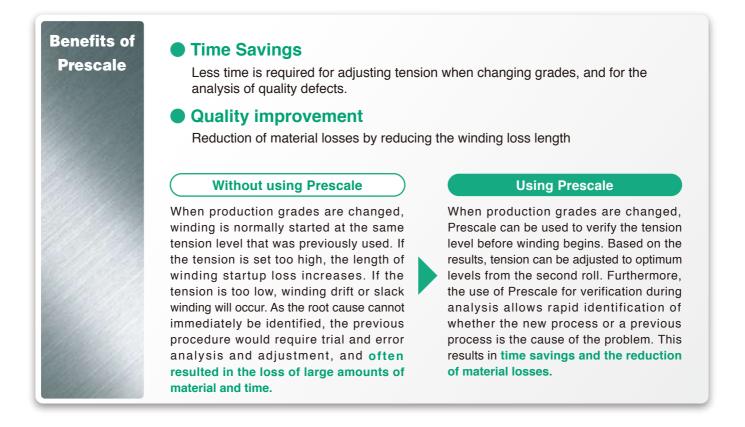
### Used product: Prescale (Extreme low pressure 4LW, Ultra low pressure LLLW)

Winding tensions can be adjusted in response to actual changes in winding pressure. When a bias in quality occurs across the width, Prescale can be inserted across the roll width to determine the pressure distribution across the entire width of the roll.









\*Note that the specifications and performance data described in this catalog are subject to change without notice for the purpose of improvement. Since the images provided are used for illustration purposes only, they may differ slightly from the actual product.

FUJIFILM FUJIFILM Corporation http://www.fujifilm.com/products/prescale/

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