

# Machined Surfaces for Precision Rolls

Custom machined surfaces and modifications can tailor a standard idler to provide a more custom fit to your specific application. When determining which roll modifications are best, all options must be taken into consideration. For example, roll material, wall thickness, roll diameter, bearing type and shaft configuration all must work in conjunction with any surface treatment to maximize roll performance.

For de-wrinkling solutions using grooved rubber covered rolls, ask one of our Customer Support Specialists about our line of Rubber-Covered WebSpreaders



## Diamond Knurl (KN)

- Knurled and then ground for diamond microgrooved surface
- Excellent for entrapped air removal
- Aids proper web tracking
- Supports sensitive webs without marking
- Provides good traction, minimizing slippage

UltraLight™ model shown



## Herringbone Groove (HB)

- Classic wrinkle removal method
- Preferred for use with light foil applications

## Micro Groove (MG)

- Two fine continuous grooves from roll center to edge
- Excellent for entrapped air removal
- Aids proper web tracking
- Supports sensitive webs without marking
- Provides good traction, minimizing slippage

UltraLight™ model shown



# MACHINED SURFACES

## Chevron Groove (CG)

- An industry favorite for wrinkle removal
- Gentle spreading action

## Spiral "V" Groove (SG)

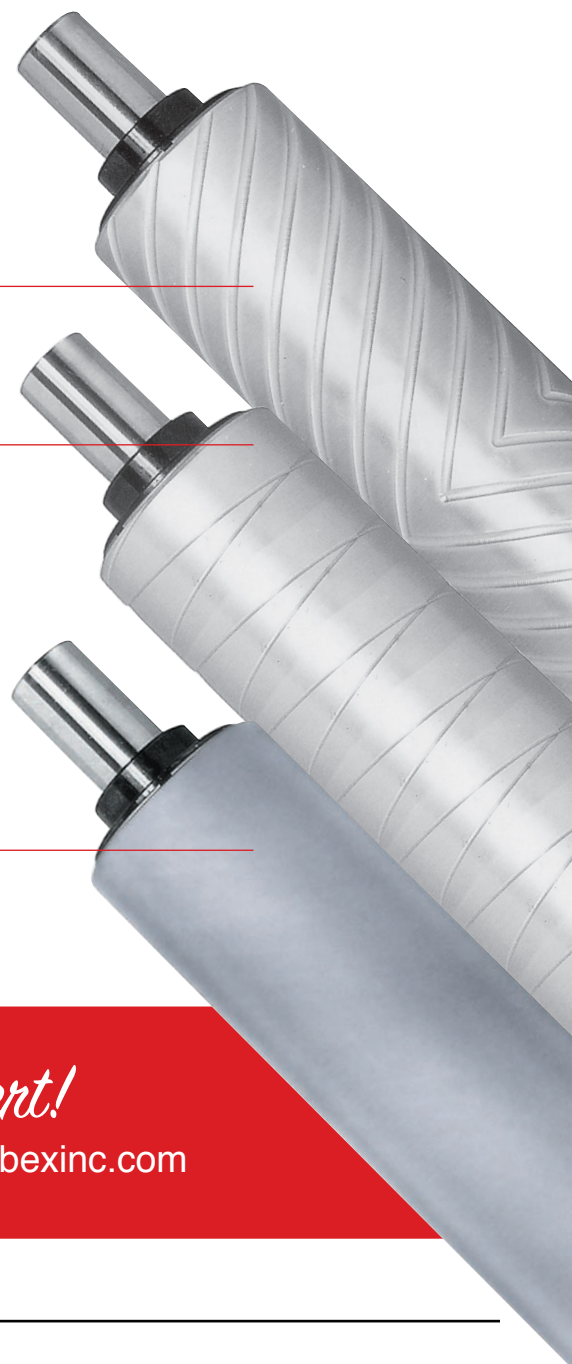
- Industry standard for entrapped air removal
- Ideal for light webs at high speeds
- Aids in proper web tracking
- Minimizes web-to-roll slippage

## Reverse Taper (RT)

- Most cost effective wrinkle removal system
- Increasing diameters at the outer edges

## Matte Finish (MF)

- Blasted finish reduces surface contact
- Improved traction



*Speak with a roll expert!*

Call 1.920.729.6666 or email [sales@webexinc.com](mailto:sales@webexinc.com)



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