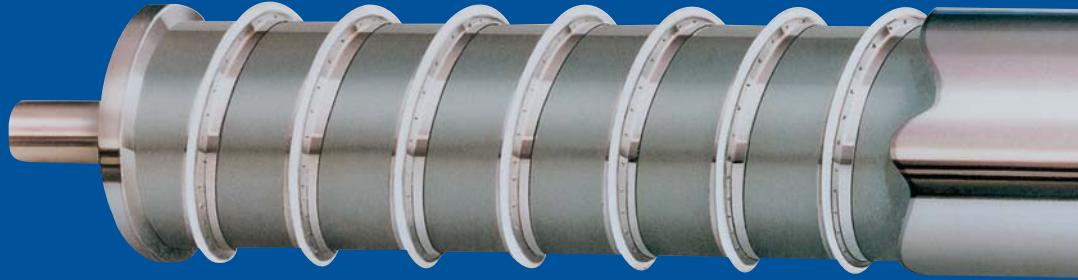


Equatherm® Rolls

- Cast film extrusion
- Converting operations
- Laminating
- Coating
- Printing



Benefits

- Maximum heat-transfer rate
 - Increased productivity. The heat-transfer efficiency of the Equatherm® design lets you specify your rolls for maximum line speed, minimum roll size or anywhere in between.
 - Energy savings. The efficiency of the spiral design lets you operate at minimum flow rates, reducing costs associated with heating, cooling and pumping process water.
- Improved product quality. Uniform temperature across the roll face, $\pm 0.5^{\circ}\text{C}$ ($\pm 1^{\circ}\text{F}$), combats across-the-web variations in gauge, appearance etc.

Equatherm® Rolls. For ultimate performance in heat-transfer rolls, Equatherm® rolls from Xaloy have what it takes. In their unique patented construction, water flows through a stainless steel spiral with a PTFE gasket, forming a sealed flow path between the inner and outer shell. Our engineers optimize spiral size and pitch to the heat-transfer requirements of your application.

Quality Assurance

- Computerized Heat Transfer and Mechanical Analysis
 - For Most Process Applications including: Cast Film, Extrusion Coating, Laminating, Coating, Metallizing; General Heating, Cooling and Roll Design
- CNC Machine
 - Diameter Capabilities of up to 53" (1345 mm)
 - Length Capabilities of up to 354" (9.0 Meters)
- Hard Chrome Plating
 - 63-65 Rc hardness
- Acid Flushing and Flow Testing
 - Up to 10 tons - 500 GPM Maximum
- Roll Repair & Refinishing
 - Up to 42 in (1065 mm) diameter by 350 in (8890 mm) overall length

www.xaloy.com

XALOY

every pellet knows our name™

EXTRUSION
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Equatherm® Rolls

Roll Repair and Refinishing Services

Final process in which repaired roll is receiving a standard mirror finish



Complete repair/remanufacturing services of chill rolls for sheet, film paper coating and heat transfer applications.

Regular maintenance and/or modified finish requirements are our specialty. Combine with total in-house chrome plating and finishing equipment, Xaloy offers committed customer service and accurate delivery quotations with every request.

Our capabilities include:

- 42" (1065 mm) diameter and 350" (8890 mm) lengths
- Acid flush and flow testing
- Journal and body repairs
- Repolish existing chrome

For finishing, we offer optical mirror "superfinish" to coarse matte applied after chrome plating.

Finish Options, Ra – μ in (μm)

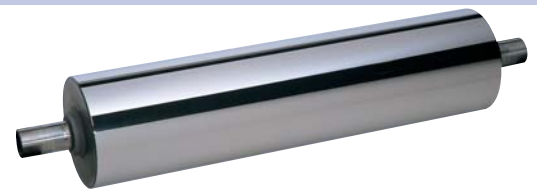
Flawless Super	Bright Mirror	Standard Mirror	Polish Finish	Satin Finish	Coarse Matte
>1" (>.025)	1" – 2" (.025 – .050)	2" – 4" (.05 – .10)	6" – 32" (.15 – .81)	Variable (Variable)	125" – 150" (3.18 – 3.81)

Specialty finishes: water retention, flash plating over matte, pocket release, 30-50% gloss, tungsten carbide coating and engraved patterns.

Our precision finishing facility enables us to provide 0.0005" (13 μm) TIR on every order regardless of size or weight.

Plus specialty industry finishes:

- Water retention
- Flash plating over matte
- Pocket release
- 30-50% gloss
- Tungsten carbide coating



Our worldwide presence includes sales and service offices located in the United States, Europe, Thailand, Japan, China and India and a global network of agents geographically positioned to serve customers throughout the world.

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