

## COMPOSITION:

Our release rollers can be coated with multiple types of coatings depending on the need for low friction, abrasion resistance and corrosion resistance. Depending on your application, we would recommend Glassteel, certain ceramic coatings or Polytetrafluoroethylene (PTFE). PTFE typically have the best release/lubricity properties but do not have better wear resistant properties when compared to Glassteel or ceramic coatings. PTFE formulations can be modified to provide the optimum combination of low friction, wear resistance and high-temperature release.

## PERFORMANCE BENEFITS:

PTFE is applied to many surfaces where low friction and good release are important. PTFE is also wear resistance, even under very high pressures and is corrosion and chemically resistant in most environments. It is not affected by saltwater, road chemicals or other hostile environments.

PTFE also functions well in a wide range of operating temperatures: from -420° to +550°F (-250° to +285°C), has good thermal shock resistance and can be milled to specification.

PTFE is used as a non-stick coating for rollers in the flexible packaging, printing and processing industries and in the food and chemical industries as a coating on bakeware, conveying equipment and trays. Where used as a lubricant, PTFE reduces friction, wear, and energy consumption of machinery.

## SPECIFICATIONS\*:

Dielectric Strength	1200-2000 volts/mil
Service Temperature (continuous)	500f
Tensile Strength	2000 – 4000 psi
Coefficient of Friction	.02 - .10
Pencil Hardness	H - 6H

**\*please call us for release/lubricity specs for Glassteel and ceramics**

## FOR USE IN

- Laminating
- Coating
- Flexible Packaging Processing
- Tape, Label and Adhesive Processing

## CALL US

Speak with one of our engineers call:  
585.924.2020



THE BEST COATINGS FOR YOUR MOST DIFFICULT APPLICATIONS