



Which Rollers Benefit From Teflon® Sleeves?

This is not a comprehensive list of all rollers that can benefit from a Teflon fluoropolymer cover, but it does include the most common

1. **Calender Rolls:** The smooth, non-stick surface of a Teflon fluoropolymer cover can help to improve the quality of the paper by reducing marking, scoring, and surface imperfections caused by friction and adhesion.
2. **Dryer Cylinders:** A Teflon fluoropolymer cover can help to reduce energy consumption and improve the efficiency of the drying process by reducing the amount of heat required to dry the paper.
3. **Gravure Rollers:** A Teflon fluoropolymer cover can help to improve the quality and consistency of the ink or coating applied to the paper by reducing friction and adhesion between the roller and the paper.
4. **Size Press Rollers:** A Teflon fluoropolymer cover can help to improve the efficiency and quality of the sizing process by reducing the amount of solution required and reducing friction and adhesion between the roller and the paper.

5. **Bowed Roll/Spreader Rolls:** A Teflon fluoropolymer cover can help reduce sticking to the paper web which often cause wrinkles, tears and other defects in the final product.
6. **Lead in & Out Rolls:** A Teflon fluoropolymer cover can help prevent the paper web from adhering to the roller's surface, reducing the risk of defects caused by sticking.
7. **Canvas Rolls:** A Teflon fluoropolymer cover can help prevent buildup of paper fibers and other contaminants that cause defects in the final product.

These rollers would benefit from a Teflon fluoropolymer cover due to the unique properties of heat shrinkable Teflon fluoropolymers, including their low friction, non-stick, and chemical resistance characteristics. These properties can help to improve the performance and efficiency of the paper manufacturing process, resulting in higher quality paper products.

