

Dryer Covers made with **TEFLON® FEP**

Teflon® is known for its amazing non-stick characteristics. The advantages are: improved product quality, less clean up time, and no doctoring.

The On Machine Seaming (OMS) with dryer covers made with *Teflon®* FEP provide the best release on the first two dryers after the size press and coaters. Dryer covers also reduce unwanted draw between dryers.



The dryer's surface is first cleaned to provide a good surface for bonding. The heat shrinkable film is then rolled around the dryer and the sealer is put in place. The film is then sealed to complete the tube. The seal's strength is as strong as the material itself.



The dryer is then heated up to 250°F (122°C) shrinking down the sleeve.

The complete installation is accomplished in 8-12 hours, leaving a smooth as glass finish.



The roll cover is bonded to the dryer by injecting the adhesive under the end of the sleeve. It is then cured at maximum temperature.

Common questions and answers on next page



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Frequently Asked Questions

What are the advantages of “Teflon®” on a dryer?

“Teflon® FEP” is known for its amazing non-stick characteristics. The advantages are: improved product quality, less clean up time, and no doctoring.

Does the dryer need to be removed from the machine for installation?

No. With O.M.S. (On Machine Seaming) the dryer remains on the machine.

Will there be any picking or build-up, which would require doctoring?

No. Remember, clay, starch, and coating will not stick to a dryer with a FLUORON, INC. sleeve made with “Teflon FEP”. No doctoring is needed.

Will the sleeve reduce unwanted draw between dryers?

Yes. A roll cover made with “Teflon® FEP” will help reduce the sheet’s tendency to hang on and follow the dryer.

Can I increase my dryer temperature without picking or build-up and increase machine speed?

Yes. Often dryer temperature has been decreased to reduce “picking”. With “picking” eliminated, the temperature and speed can be increased.

How long does it take to install a FLUORON, INC. sleeve?

Once cleaning and preparation of the dryer is complete, a sleeve can be installed in 8 to 12 hours.

How strong is the seam?

FLUORON, INC. seams are virtually undetectable. The seal strength is as strong as the material itself.

How thick is the “Teflon®” film?

A .020” (.5mm) thickness of FEP film is standard. FLUORON, INC. has the capability to make a thinner or thicker sleeves up to .125” for special applications.

Would this cover be satisfactory for resurfacing a dryer that has grooves and pitted areas?

The cover made with “Teflon® FEP” leaves a glass smooth finish, eliminating corrosion while filling grooves and pits with adhesive.

Teflon® is an insulator. Will this affect drying?

In 1965, the first roll cover of “Teflon®” was installed on a dryer. There have never been any problems with drying. In fact, drying temperature can be turned up to increase drying capacity.



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