Fluoro-Coat™200

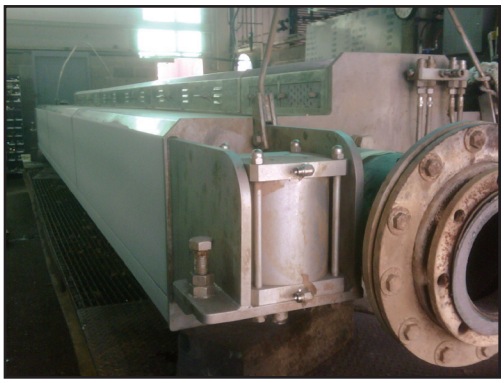
Fluoro-Coat™ 200 is a field-applied spray-on coating with excellent release. Resulting from a two-year development effort, this product can be applied in less time than conventional roll coverings made with *Teflon*®. This coating is ideal for dryers and for rolls subject to mechanical damage.

"Fluoro-Coat"™ 200 is a completely different chemistry. It is polymerized to release "stickies", such as duct tape that sticks to DuPont's *Teflon*® finishes. You have to see the release characteristics to believe it. Try the duct tape test!

Fluoro-Coat™200 is often applied to dryers immediately after press sections.

"Fluoro-Coat"™ 200 Advantages:

- Ideal for recycled "stickies"
- Ideal for dryers,steam boxes,press hoods, winder pans and nozzles
- Able to be applied in the field or at Fluoron's facility
- Offers an alternative to doctoring dryers
- Curable at ambient temperatures
- Continuous service at 350ºF (176ºC)
- Intermittent service at 450ºF (232ºC)



Fluoro-Coat™200 has been successful in reducing buildup on steam boxes.

Fluoro-Coat™ 200 is also available as a heat shrinkable sleeve

Fluoro-Coat 200 spray-on coating can be ordered as FC200 Heat Shrinkable Tubing. Now that this coating is bonded to the roll by the HST's retention rather than the coating itself, rolls with less than perfect surfaces can be remedied. Rolls that are pitted and corroded can now be restored to better than new and reap the benefits from this release coating with great chemical resistance.

What was once a coating that could only be sprayed on, Fluoro-Coat™200 can now be applied as a heat shrinkable tube.

FC200 HST enables all the benefits of (HST) including:

- Installation without a Fluoron technician
- Inventory of sleeves can be kept for quick fixes
- Application to rolls with surfaces inappropriate for spraying
- Custom manufactured to conform to proper sizes
- Ideal for felt, fly or paper carrying rolls
- No cure time required

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Properties

PROPERTY	VALUE
MECHANICAL	
Volume Coefficient of Thermal Expansion (0-100ºC)	9.3×10^{-1}
Durometer Hardness Shore A Scale	25
Tensile Strength	250
Specific Gravity at 77ºF (25ºC)	1.04
Thermal Shock, 10 Cycles	Pass
THERMAL	
Continuous Service Temperature	350ºF (176ºC)
Intermittent Service Temperature	400ºF (204ºC)
Useful Temperature Range	-67º to 392ºF (204ºC)
Brittle Point (Degrees)	-70ºF (57ºC)
Thermal Conductivity, cal per (cm2) (sec) (ºC/cm)	0.495×10^{-3}
RESISTANCE	
Salt Water	Excellent
Acids	Good
Alkalies	Good
Oils (ASTM no.3 oil, 72 hours @ 150ºC)	Excellent
Methanol	Good
Abrasion	Good
Ultraviolet	Excellent
Weathering	Excellent
Solvent	Poor
OTHER	
Color	Gray
Fire Resistance	Self Extinguishing

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