



Rolls

TecnoClean CeraHybrid

Excellent Non – Stick / Release Coating

TecnoClean CeraHybrid is an excellent On-Site Non-Stick and Release coating with advantages of the modern hybrid coatings. The hybrid coating has a low viscosity and it penetrates quickly and efficiently into the micro porosities of the surface forming even, dense and wear resistance surface.

TecnoClean CeraHybrid keeps surface clean and free from sticky contaminants better and longer operation time in higher operation temperatures.

Compared to standard on-site coatings and FEP /Teflon coatings, CeraHybrid coating has remarkable lower surface energy and peel force. These improved release properties and maintenance of the release over extended running periods makes CeraHybrid superior coating choice for drying cylinders, lead rolls, wire rolls, Clupac- and Temsec cylinders.

The lower friction and more wear resistance offers good doctoring features which does extend the life time of the carbon doctor blades.

CeraHybrid has excellent heat transfer with a considerable higher temperature resistance over the standard and FEP coatings. CeraHybrid ensures functionality and remains its phase and form of the coating at temperatures of over 150 °C what can not achieve by using traditional or FEP coatings.



Tailor-made Solutions for Increased Reliability and Runnability



Targets: Dryers and guide rolls

- Sticky and dirty positions
- High temperature positions
- Rolls after coaters
- Paper and wire guide rolls,
- Lead rolls, stretcher rolls
- First Dryers
- Temsec, Clupac -cylinders

Benefits

- Excellent non-stick and release
- Excellent wear resistance
- Excellent heat conductivity
- Good corrosion resistance
- Excellent heat resistance

Technical details

- Thickness 80 – 250 µm
- Operation temperature 200 °C
- Ra 0,2 – 0,4 Temsec, Clupak
Ra 0,8 cylinders
Ra 1 – 2 guide rolls

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