SilcoTek® CVD Coatings for Packaging Equipment

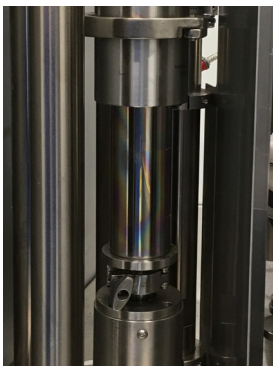
SilcoTek® is helping OEM and end-users in the packaging equipment market to minimize the need for costly part replacement and production line downtime using our Dursan® coating technology.

Dursan is a chemically inert silicon-based coating that improves corrosion resistance and reduces clean up time to minimize costly maintenance and increase production uptime.

Benefits of Dursan® in Packaging Applications

- **Promotes corrosion resistance** - Dursan protects processing equipment parts from potential damage and costly replacement.
- **Excellent adhesion properties** - Dursan is chemically bonded and molecularly fused onto your parts surface to preventing flaking to eliminate unwanted particles in your packaged products.
- **Provides easy cleanup** - Dursan's low surface energy provides an optimum surface to easily clean your production line equipment.
- **Maintain existing tolerances and surface finishes** - Dursan's thickness is less than 2 microns leaving critical dimensions and surface finishes unchanged.
- **Provides part re-cycling capability** - Dursan can be reapplied to your existing parts if necessary eliminating the need to order new, costly parts with long lead times.
- **Eliminates costly down time** - Dursan has proven its long term durability outlasting coatings such as nickel-PTFE in packaging applications.
- **Safe to use** - Dursan's coating process is certified by NSF International and therefore is FDA compliant for food contact.

Packaging Applications Using Dursan®



5 months use with Dursan coating.

3 weeks use with Nickel-PTFE

Packaging Component Substrates

Dursan can be successfully coated onto metals such as stainless steel, carbon based steel, tool steel alloys, and aluminum.

Packaging Equipment Applications

Contact us to discuss your application. Current applications of Dursan coated packaging equipment include:

- Nozzle Bodies
- Metering Bodies
- Stopper Rods
- Drive Bars
- Hoppers
- Tubing

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