

Rilsan Polyamide Coating

Rilsan is a unique synthetic thermoplastic coating for excellent corrosion resistance, reduced frictional torque, good impact resistance and good wear resistance. Rilsan coating may be applied to all metal components provided it is possible to raise them to the necessary coating temperature without causing any change in the metal itself or distortion to the components.



The principle of Rilsanisation consists in depositing a film on the metal surface requiring protection.



Properties

- ♣ Excellent resistance to corrosion (2000 hours of Salt Spray as per ASTM B 117),
- ♣ Good chemical resistance,
- ♣ Resistance to wear and abrasion,
- ♣ Good impact resistance, Electrical insulation,
- ♣ Aesthetic surface finish,
- ♣ Compatibility with food products,
- ♣ Good hygienic properties, Smooth surface, warm to the touch,
- ♣ Does not promote or support bacterial growth,
- ♣ Coating thickness varies from 80 to 600 microns.
- ♣ Can be machined to size

Typical Applications

-] Spline shafts,
-] Propeller shafts,
-] Gear box selector forks
-] Water pipe couplings,
-] Fasteners,
-] Dishwater baskets,
-] Trolleys for supermarket, airport, shipping and railways

