

TEGLISS 19 NG

Definition:

TEGLISS 19 NG is a high-temperature and chemically resistant polytetrafluoroethylene (PTFE) coating. The resulting film offers excellent wear and abrasion resistance, as well as excellent adhesion to a variety of substrates.

The film's low porosity ensures excellent corrosion resistance: over 720 h BS with a spray process.

The lubricating film has no influence on the mechanical characteristics of the parts.

TEGLISS 19 NG is mainly used for coating bulk or sprayed items such as: bolts, screws, nuts, clips, springs, axles, mechanical fastening systems, low-load friction mechanisms, noise and seizure reduction.

Two methods are recommended for applying the product: immersion (most commonly used) and spraying.

TEGLISS 19 NG resists many chemical agents: acid, soda, brake fluid, mineral and synthetic oils, solvents.

TEGLISS 19 NG meets the requirements of the automotive, aerospace and defense industries.

TEGLISS 19 NG is a CMR-free product, with good adhesion to all types of surfaces and reliable, reproducible results.

Technical features:

Product color	Black
Film color	Matte black 5.5 UB at 60° spray to satin black for bulk processing
Temperature range	-70°C to +250°C
Optimum thickness	10 to 20 µm
Density at 20°C DIN 51757	Around 0,96 – 0.98 g / cm ³
Viscosity at 20 °C DIN 2431	38 - 43 s cut 4 mm
Flash point DIN EN 57	Without
Polymerization	30 min at 180°C
Coeff. of friction on M 12/8.8 screws	0,10