



TECTORIUS® TEC-FLON™ 6000 SERIES

Masking and Anti-Fouling Coating

PRODUCT FEATURES:

- » **Prevents accumulation:** of electro-coating, paint and welding byproducts onto metal components. This includes fasteners, bushings, nuts, studs and racking.
- » **Enhances installation:** Lubricates fastener threads to reduce driving friction, heat buildup, thread galling, seizing, and surface damage.
- » **Reliable masking:** prevents weld spatter, e-coat, spray paint, powder coat, and some platings from adhering to parts.
- » **Ensures uniformity:** Helps to ensure uniform clamp loads and torque-to-tension ratios.
- » **Minimal pre-cleaning requirements:** Only parts with excess oil or surface contaminants may require cleaning.
- » **Prevents damage:** Low-heat application process helps prevent damage or discoloration to fastener platings.
- » **Reduces costs:** associated with masking, plugging, or capping of threads.
- » **Eliminates re-tapping:** which can compromise safety and quality.



DESCRIPTION:

The Tec-Flon products are a group of materials specially designed for fasteners and components to mask, reduce friction, increase job efficiency and facilitate installation.

Other properties Tectorius' specialized coatings can impart are: reduced surface wear, 'squeak and rattle' reduction, and galling and installation torque 'chatter' elimination.

Tec-Flon masking and anti-fouling materials are available in many grades with varying degrees of lubrication, temperature resistance, hardness, color and application methods.

Specific formulations of Tec-Flon™ meet or exceed the performance requirements of the following standards:

- Chrysler: PS-8542
- Ford: WSS-M21-P27-A3
- General Motors: 6076-M
- DIN:928
- Rover/Land Rover/MG: RES.22.FP.04

*The information provided is based on technical data that Tectorius believes to be reliable. Since we cannot anticipate or control the various conditions under which this information and our product may be used, we cannot guarantee the applicability of this information or the suitability of our product in any individual situation. Therefore, the product is sold without warrantee expressed or implied.

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APPLICATIONS:

- » Welded nuts, studs and pierce nuts
- » Resists adhesion of automotive underbody coatings
- » Heating and cooling compressors
- » Construction
- » Large appliances



AVAILABLE GRADES:

Product	Color
6076	Green and dark green
6077	Ivory
6078	Black

Note: Custom grades are available for specialized applications or color requirements.

SPECIFICATIONS:

Temperature Range	-250° to 450°C Applicable to Cryogenic Applications
Primary Usage	Thread Lubricating / Thread Masking
Solvent Resistance (ASTM D5402-93 (99))	150 double MEK rubs
% Solids (by weight) (ASTM D2369-01)	25-35%
K Value (ASTM D5648-01)	0.14 (typical value)*

*Torques based on 3/8" - 16 dry phosphated bolts and nuts.

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