

# DACROLUB® 10

TOPCOAT

**1-2  $\mu\text{m}$**

Waterbased  
formulation

Clear color

Low thickness

## FUNCTIONALITIES

### Lubrication

DACROLUB® 10 allows to obtain a stable and controlled friction coefficient in the range of 0.08-0.14 while avoiding stick-slip problems for cases of difficult tightening.

**0.08-0.14**

Coefficient of friction (ISO 16047)

\* Measured on GEOMET® 321 or GEOMET® 720.

### Color tracing

DACROLUB® 10 can be colored for part visual identification and differentiation.

### No hydrogen embrittlement

Implemented via non-electrolytic application processes. This avoids the hydrogen embrittlement phenomenon that causes cracking of metals.

## APPLICATION

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# Processes

DACROLUB® 10 is applied via bulk dip/spin, rack dip/spin, spray or electrostatic spray. This variety of processes allows to coat all types of parts, even those requiring partial coating, or with recessed and hollow surfaces. Moreover, they are non-electrolytic and thus avoid the phenomenon of hydrogen embrittlement which causes cracking of metals.

BULK  
DIP/SPIN

ELECTROSTATIC  
SPRAY

RACK  
DIP/SPIN

SPRAY

## TECHNOLOGY

# Waterborne thermoplastic

DACROLUB® 10 is a technology composed of lubricants in a thermoplastic organic binder. It has been developed to comply with the highest industrial requirements and regulations regarding environment, health and safety. It is water-based and nonylphenol-free.

Compliant with

**REACH** - Registration, Evaluation, Authorization and restriction of Chemicals

**2011/65/EU and (EU) 2015/863** - Directive of the European Parliament on the restriction of the use of certain hazardous substances in electrical and electronic equipment

**ASTM F1136 / F1136 M** - Zinc/Aluminum Corrosion Protective Coatings for Fasteners

**EN 13858** - Corrosion protection of metals - Non-electrolytically applied zinc flake coatings on iron or steel components

**EN ISO 10683** - Fasteners - Non-electrolytically applied zinc flake coating systems