

# TORQUE CONTROL LUBRICATION



By use of torque control coating for screw-nut mating mechanism, a consistent and more predictable clamping load can be attained, while minimizing the input torque so as to protect the contact surface,. Dulub offers series of specially formulated torque control coatings to make your work easier with more reliable result.

**DUTORQUE series** are emulsified coating agents specially designed for screws and nuts mating application.

These are water- borne colloidal suspension concentrates. The lube film after drying offers an excellent moderate lubricity, smooth but not slippery. It's called the magician of friction coefficient modifier.

They can be applied either by centrifuge coating or by dipping.

We recommend the dilution ratio of 1:3 (water) for centrifuge and 1:6 for dipping. This is subject to on-site judgement with experience.

It is notable that the purpose of this coating is NOT to have a low friction coefficient, but to have a stable one. It makes the deviation of friction coefficients in a small range for the same batch production.

**Note:**

§ Recommended hot air drying temperature: 65~80 °C

§ Screws and nuts are required to be degreased. Metal working oil/ grease will reduce the film forming.

§ If there is concern for rust corrosion, additional water-base rust inhibitor can be added. Simply mix Dulub Precorro M200 into the diluted Dutorque solution to get the anti-rust function. Please contact us for more about Precorro M200.

**DUTORQUE specifications:**

	702P	702PUV	704P	704PUV	706F	708G
BASE CARRIER	water, pH > 7					
APPEARANCE	milky white					black
FILM	transparent				white, thin film	black, smooth, thin
TEMP RANGE	-40 ~ 90 °C				-40~120 °C	-40~380 °C
FRICITION COEFFICIENT	appr. 0.15 μ		appr. 0.13		appr.0.09	appr. 0.08
REMARK		uv tracer		uv tracer	PTFE	graphite



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