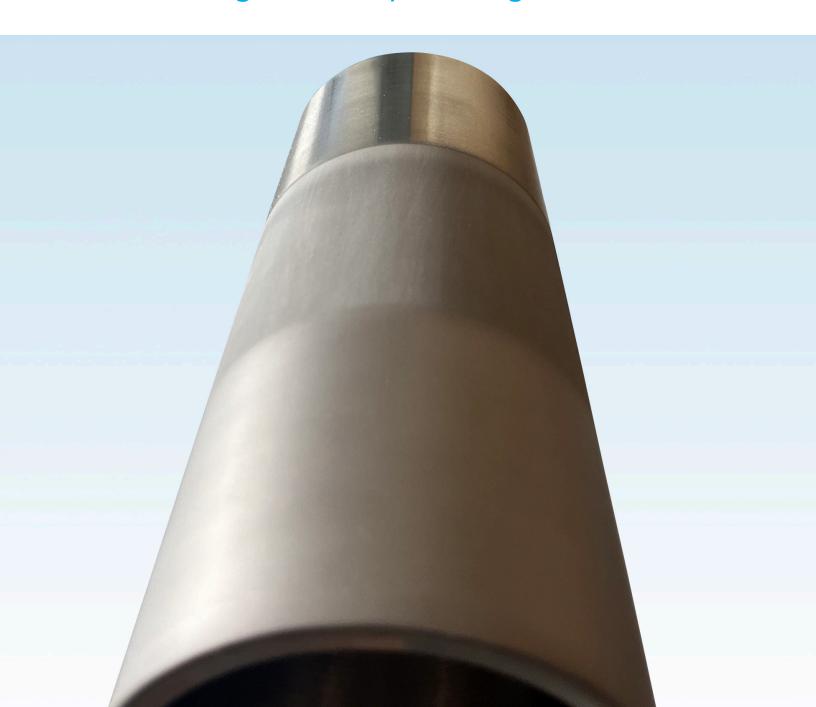


EXOGARDTM Advanced High-Velocity Coating Solutions



EXOGARDTM coatings are dense, thin, and smooth. These coatings are also REACH-compliant environmentally-friendly alternatives to hard chrome plating.

EXOGARD™ Chrome-Free Solutions

Coatings made by the EXOGARDTM process are dense, thin, smooth, and designed to provide corrosion and wear protection in all industries. These coatings are also REACH-compliant, environmentally-friendly, and can be used to replace hard chrome plating.



The EXOGARD process generated four coating families: EXOGREEN[™], EXOPRO[™], EXOSHIELD[™], and EXOFILM[™]. Details of these coating families and their messages are below:

EXOGREENTM

EXOGREEN[™] coatings are thin, environmentally compliant and provide an economical solution that performs equally to hard chrome plating.

EXOPROTM

EXOPRO™ coatings are cost-competitive as compared to traditional HVOF and HVAF coatings, environmentally compliant as an alternative to hard chrome, perform better than hard chrome, and are tougher than standard HVOF/HVAF coatings.

EXOSHIELDTM

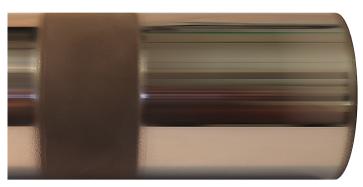
EXOSHIELDTM coatings are fully dense, hard and tough, providing best-in-class corrosion and wear protection with exceptional finishability to less than 0.025 μ m/1.0 μ m Ra values.

EXOFILMTM

EXOFILM[™] coatings are an ultra-thin solution for textured surfaces. They are environmentally compliant and peform better than flash hard chrome plating.

EXOGARD™ Coating Properties and Performance Data

Coating Porosity	< 0.5 %
Microhardness	HV 1100 minimum
Surface Finish	< 1 μ inch Ra, < 0,03 μ m Ra
Achievability	
Sand Abrasion Test –	1 mm³/rev
ASTM G65	
Salt Spray Test –	Passed 1000 hrs @ 0.002"/0.05 mm
ASTM B-117	thickness



EXOGARD™ coating: super finished (right), as coated (left)

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