

THE LEADING DISTRIBUTER OF NANO GALV®



PERFORMANCE THAT COUNTS.

Dan-Loc Group has partnered with Modumetal to become the premier distributor of **NanoGalv®** coated products. Dan-Loc Group's Houston and Louisiana branches have over \$2.5 million in stocked B7 all-thread studs and 2H Heavy Hex nuts for common ANSI B16.5 flanges. We are your first call, only-call source for **NanoGalv®** and other threaded products.



What is NanoGalv®?

A coating system designed for corrosive and high-strength applications. **NanoGalv®** can be used as a drop-in replacement for cadmium, conventional galvanize, epoxy, and PTFE coatings.

NanoGalv® has undergone extensive testing and field trials for fasteners and connectors and is currently in commercial use in offshore platforms and other coastal facilities.



120 Cycles GMW 14872 + Stress, 80% SMYS in 316SS Proof Ring

- Process is very similar to conventional Zinc Nickel electroplating and existing lines can be retrofitted with Modumetal's nanolamination process
- Nanolamination uses precision waveform technology that causes metal ions to bond together in layers
- Nanolayers impede the path of corrosion to create unprecedented performance in environmental resistance and durability

WE PERFORM SO YOU CAN PERFORM.

NANOGALV® PERFORMANCE OVERVIEW IN OIL & GAS

PROVEN PERFORMANCE.

Since initial specification in 2018, Modumetal's NanoGalv® has been specified by all the oil & gas supermajors and has been deployed in the field for years with far superior corrosion performance than the closest comparable coatings

See NanoGalv® in action.

Salt Fog Tests

 Cadmium #2, New	 PTFE (Teflon), New	 Hot Dipped Galvanized, New	 Modumetal NanoGalv, New
 Cadmium #2, 648 hours, >10% rust	 PTFE (Teflon) 912 hours >10% red rust	 HD Galv, 648 hours, >10% red rust	 Modumetal NanoGalv, 4000 hours
Hours to Failure: 648	Hours to Failure: 912	Hours to Failure: 648	No Failure after 4000 Hours



Field Trial > 5 Years

NanoGalv® fasteners were coated to 8-micron thickness at significant surfaces for oil & gas industry qualifications.



NanoGalv® @ 10,560 hours
ASTM B117 Salt Spray



Xylan @ 2,714 hours
ASTM B117 Salt Spray

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