

TRI NCC 209™

Recently developed by TRI for the U.S. Navy to fight cathodic delamination (premature bond failure) of submarine connectors, TRI's NCC 209™'s metal pretreatment system is ideal for use in harsh environments such as industrial, subsea and down-hole operations. NCC 209™ firmly adheres rubbers to metals so they can survive chemical exposure and high-pressure, extreme temperature conditions.

In independent third part testing, the new NCC 209™ out performs all other NCC systems in standard overmolds with peel strengths well beyond any previously seen. The result is a bond that can survive the harshest corrosive environments over an extended service life.

NEW OVERMOLD SYSTEM

- New NCC (Non-Conductive Coating) for both Navy and commercial applications
- Reduces exposure to harmful VOC's and hazardous materials
- Reduces the number of failure points that exist in the currently approved overmold systems
- Increased reliability, reduced costs, improved application methods

NCC 209 SPECIFICATIONS

- 2 component modified epoxy
- Thickness is 30 mils ± 15 mils
- Max temperature in process is 130C
- Standard undercut request is 10 mils
- Indefinite shelf life if stored correctly
- Cleaning and prep standard solvents are acceptable

COMPARING OLD NCC STACK TO NEW TRI NCC 209™

Castable Polyurethane PR-1547 or EN-1556	Castable Polyurethane PR-1547 or EN-1556	TRI-109-2 Castable Hydrophobic Polyurethane
Primer PR-420 or AD-1146	Primer PR-420 or AD-1146	NCC 209™
Seal Coat		
Ceramic Layer		
Metal Matching Layer		
Metal Substrate	Metal Substrate	Metal Substrate

TRI Applied Technologies is the product arm for TRI Austin. Applied Technologies provides commercialization strategies, product production, sales support, and marketing efforts for products developed by TRI Austin.



TRI NCC 209™

A Product of TRI Applied Tech

TRI Next Generation NCC provides:

- Improved cathodic protection
- Ease of processing
- Applicable to NLOS locations
- Lower cost
- Higher density (less porosity)



M-24231 Plug Sleeves Coated with NCC 209™



tri-appliedtech.com

TO LEARN IF TRI NCC 209™
CAN HELP YOU WITH YOUR
APPLICATION, CONTACT:

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