

**THE LEADER IN
CORROSION
PREVENTION**



THE NYCOTE[®]
PERFORMANCE
ADVANTAGE

Simple, Single Pass Solution

Nycote Laboratories has been a pioneer in industrial coating technology for over 60 years. Our liquid nylon protection is a revolutionary barrier against corrosion, friction & conductivity for mission-critical aerospace & marine applications.

Nycote's unique liquid nylon formulation eliminates pinhole voids with a fast and convenient single pass solution.

Significant Performance Advantages

- Liquid nylon formulation for uniform coverage
- Microbial corrosion protection
- Self-leveling film technology for 100% corrosion protection
- Simple surface preparation for rapid application
- Custom tinting available
- Rapid global delivery
- Single pass solution for easy application
- Reusable over shelf life
- Single source protection against Skydrol, JP-4, JP-5, JP-10, salt spray, oxidation, conductivity and other corrosive elements
- Available in bulk or in custom applicators
- EU/IATA/REACH regulation compliant



**PROVEN &
TRUSTED BY
INDUSTRY
LEADERS**



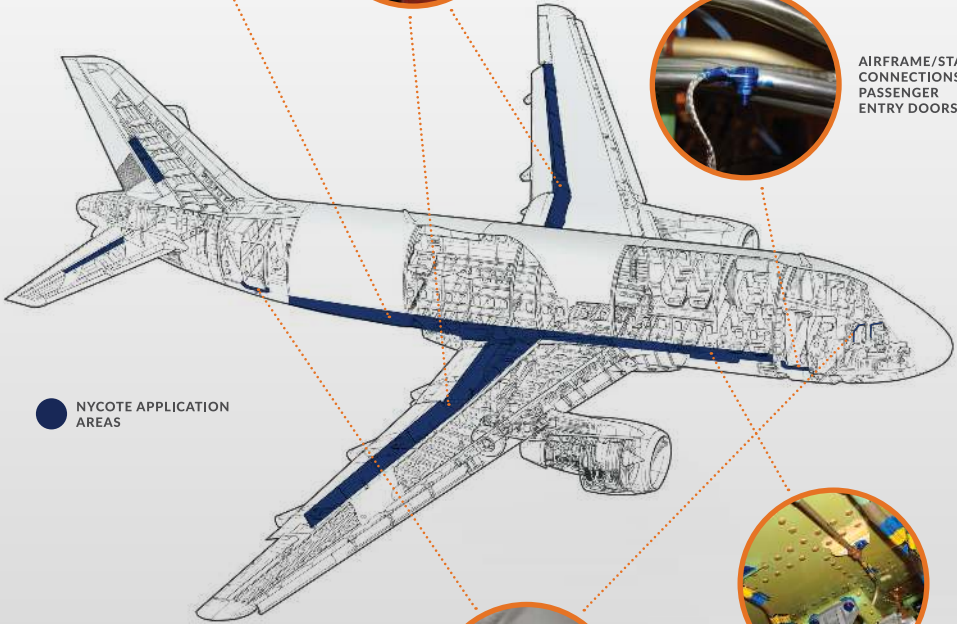
**HYDRAULIC SYSTEM
CONNECTIONS**



**HYDRAULIC
CONNECTIONS,
WING FLAPS**



**AIRFRAME/STAIR
CONNECTIONS,
PASSENGER
ENTRY DOORS**



**NYCOTE APPLICATION
AREAS**



**FLOOR FRAMING,
PLATE/BOLT
CONNECTIONS**



**ELECTRIC GROUNDING
CONNECTIONS,
PLUMBING & GALLEYS**



PRODUCT SPECIFICATIONS

PHYSICAL PROPERTIES	NYCOTE 7-11®		NYCOTE 88®		NYCOTE 99®	
	1-Component System		2-Component System		1-Component System	
	NSN: 8010-01-134-0415		NSN: 8010-01-530-534		NSN: Available soon	
Temperature Range	-70° F to 300° F (-56° C to 148° C)		-70° F to 300° F (-56° C to 148° C)		-70° F to 400° F (-56° C to 204° C)	
Resin / Film	Resin	Film	Resin	Film	Resin	Film
Color	Clear	-	Clear	-	Clear	-
Viscosity: @ 72° F, Zahn #2 cup	50-90 sec	-	21-27 sec	-	60-90 sec	-
Solids Content (Non-Vol.)	19%	-	17%	-	19%	-
Flash Point: C.O.C	70°F	-	70°F	-	70°F	-
Pounds per Gallon @ 78° F	7.4±0.2 lb.	-	7.4±0.2 lb.	-	7.4±0.2 lb.	-
Shelf Life @75° F	6 Months	-	12 Months	-	8 Months	-
Film Thickness, 1 Dipcoat	-	0.5 mil	-	0.4 mil	-	0.5 mil+
Coverage Per Gallon	300 sq.ft	-	300 sq.ft.	-	300 sq.ft.	-
Tack-Free Time, 50% RH @ 70° F	-	1 hour	-	1 hour	-	1 hour
Film Pencil Hardness	-	1-H	-	1-H	-	3-H
Adhesion SAE AMS-S-4383	-	22 lbs.	-	21 lbs.	-	23+ lbs.
Abrasion Resistance (500 Gr. #17 Wheel- 100 cycles)	3.0 mgm	-	2.9 mgm	-	3.0 mgm	-

PERFORMANCE DELIVERED

RESISTANCE TO FLUID (30 days immersion @ 75° F)		ADHESION CHARACTERISTICS	
JP-4	Excellent	Untreated Aluminum	Excellent
JP-5	Excellent	Chem-filmed (Irridited) Aluminum	Excellent
Kerosene	Excellent	Anodized Aluminum	Excellent
Gasoline	Excellent	Stainless Steel	Excellent
Skydrol	Excellent	Magnesium Alloy	Excellent
100% RH @120° F	Excellent	Fiberglass	Excellent
Distilled Water	Excellent	Zinc Chromate Primed Aluminum	Excellent
Tap Water	Excellent	Synthetic Rubber	Excellent
Salt Spray	Excellent	Metals / Composites / Fabrics	Excellent
80% JP-4 Bacteria Laden Distilled Water	Excellent	Titanium	Excellent

*Additional testing may change data

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