



SOLID FILM LUBRICANTS



Performance you can TRUST.
Advanced coating technologies.
Quality solutions since 1946.



CORROSION-INHIBITING COATINGS



Qualified Specifications

- ☑ AS1701 Class II
- ☑ AS5272 Types I, II & III
- ☑ MIL-L-23398
- ☑ MIL-PRF-46010
- ☑ MIL-PRF-46147
- ☑ MIL-PRF-81329
- ☑ PWA 550
- ☑ *And so many more!*

SANDSTROM
COATING TECHNOLOGIES

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TOLL FREE: 1-800-747-1084

Sandstrom Solid Film Lubricants & Corrosion Inhibiting Coatings <i>Contact a Sandstrom representative for coverage information.</i>			Formulated for High Performance Military, Industrial and Aerospace applications. All of the Military & Aerospace specification coatings exceed the Thermal shock requirements of ASTM D2511 using LOX (liquid oxygen).				Corrosion Protection:			Cure Schedule
							per ASTM B117		per FED-STD Method 5331.1 Sulfurous Acid Salt Spray unless otherwise specified	
Product Description	Specifications QPL Listing	Lubricating Pigment	Operating Temperature Range	Chemical / Fluid Resistance per ASTM D2510	Wear Life Properties per ASTM D2625A	Load Carry Properties per ASTM D2625B	Steel, Phosphate Preparation per MIL-DTL-16232	Grit Blasted Bare Steel unless otherwise specified		Flash Off 30 Min. Prior to any Bake
9A Heat Cure	SAE AS5272 Type II <i>Formerly MIL-L-46010 Type II</i>	Molybdenum Disulfide	-320°F to +500°F	Exceptional including Skydrol & Brake fluid	Very High 500 Minutes	2250 lbf	Manganese 1500+ Hours	<100 Hours	N/A	60 min. @ 400°F
LC-300 Heat Cure	SAE AS5272 Type I <i>Formerly MIL-L-46010 Type I</i>	Molybdenum Disulfide	-320°F to +400°F	Exceptional	300 Minutes	3000 lbf	Manganese 2900+ Hours	500+ Hours	4+ cycles no effect	60 min. @ 300°F
#099 Heat Cure Waterborne Lead Free	MIL-PRF-46010 SAE AS5272 Type III	Molybdenum Disulfide	-320°F to +500°F	Exceptional including Skydrol & Brake fluid	Very High 500+ Minutes	3000 lbf	Manganese 750+ Hours	Not Recommended	4+ cycles no effect	120 min. @ 300°F or 60 min. @ 400°F
28A Air Dry Lead Free Antimony Free	SAE AS1701 Class II MIL-PRF-46147 Type I MIL-L-23398	Molybdenum Disulfide	-320°F to +300°F	Good including Skydrol	6 Hr Dry 100+ Min. 18 Hr Dry 200+ Min.	3000 lbf	Zinc 1000+ Hours	Aluminum 1000+ Hours	4+ cycles no effect	Air Dry 6 or 18 hrs. or Force Dry 25 min. @ 200°F
Hi-T 650 Air Dry or Heat Cure	Pratt & Whitney PWA 550	Molybdenum Disulfide	Steady to +750°F Intermittent to +1200°F	Air Dry Minimal Heat Cured Moderate	250 Minutes	3000 lbf	Manganese 100 Hours	<24 Hours	N/A	Air Dry 72 hr. minimum or Bake 1 hr. @ 480°F
#329 VOC 0.0 lbs/gal Heat Cure	MIL-PRF-81329	Molybdenum Disulfide & Graphite	-320°F to +750°F	Good LOX compatible	80 Minutes	2500 lbf	Minimal	Not Recommended	N/A	2 hr. @ 175°F followed by 2 hr. @ 300°F
#8558 Aluminum Baking Finish	Hamilton Sundstrand MS37.18	N/A	-320°F to +450°F	Exceptional including Skydrol	N/A	N/A	Zinc 1200+ Hours	250+ Hours	N/A	Type I: 20 min. @ 300°F Type II: 30 min. @ 350°F
Poxylube® #859 Waterborne Heat Cure	N/A	Molybdenum Disulfide & PTFE <i>Varies by color</i>	-320°F to +500°F	Exceptional including Skydrol	Minimal	Minimal	Manganese 700 Hours	150 Hours	ASTM B117 Aluminum 2500+ Hours	60 min. @ 300°F 25 min. @ 350°F or 15 min. @ 400°F
#103 Heat Cure	N/A	Molybdenum Disulfide & PTFE	-320°F to +500°F	Exceptional including Skydrol & Brake fluid	60-100 Minutes	1000 lbf	Manganese 1500+ Hours Zinc 1000+ Hours	750+ Hours	N/A	30 min. @ 350°F 15 min. @ 400°F
Poxylube® #887 Heat Cure	N/A	PTFE	-320°F to 400°F	Excellent including Skydrol	N/A	N/A	Zinc 1000+ Hours	Iron Phosphate 168 Hours	N/A	20 min. @ 300°F
Poxylube® #800 Heat Cure	N/A	PTFE	-320°F to +400°F	Exceptional LOX compatible	Minimal	Minimal	Zinc 500+ Hours	100+ Hours	N/A	60 min. @ 300°F or 15 min. @ 400°F
Poxylube® #820 Air Dry	N/A	PTFE	-320°F to +300°F	Excellent	N/A	N/A	Zinc 750+ Hours	<100 Hours	N/A	Air Dry 6 hrs. or Force Dry 90 min. @ 150°F
Poxylube® #835 Air Dry	N/A	PTFE	Up to +350°F	Good	Minimal	Minimal	Zinc 100 Hours	Not Recommended	N/A	Air Dry 24 hrs. or Force Dry 30 min. @ 250°F
26AV10 Air Dry	N/A	N/A	-320°F to +300°F	Excellent	N/A	N/A	Manganese 400+ Hours	168+ Hours	N/A	Air Dry 18 hrs. or Force Dry 30 min. @ 250°F
9AV-35 Heat Cure	N/A	N/A	-320°F to +500°F	Exceptional	N/A	N/A	Zinc or Manganese 1000+ Hours	100+ Hours	N/A	60 min. @ 400°F

*Consult latest Technical Data Sheets offered at www.sandstromproducts.com or from a Sandstrom Representative for the most recent information.

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