



High temperature resistance Coatings

Key facts

- ✓ **Long term** high temperature resistant coating for in-service application, **from 250 to 600°C**.
- ✓ **Monolayer** coating with **anti-corrosion** properties.
- ✓ Currently used on **commercial aircraft, rotorcraft and military aircraft**.

Applications

Dedicated solution for:

- ➔ Application on **steel and aluminum**
- ➔ **Protection of parts in high temperature environment:** heat exchangers, landing gears, torque tubes braking systems, engine rotating / non rotating parts, power shafts, air exhaust environments...



Features and benefits

- ✓ **Selected chemistry** for protection across the temperature range
- ✓ **Corrosion protection** mechanism including barrier protection, active or sacrificial protection
- ✓ **Excellent chemical resistance** to phosphate ester hydraulic fluids, solvent cleaners and lubricants
- ✓ **Repairable and recoatable** coating by touch up applications
- ✓ **Various application methods** : spraying, brushing, rolling, dipping, pouring over
- ✓ **Chrome free REACH & TSCA compliant** chemistry



YOUR CHALLENGE

Protecting parts submitted to high inservice temperature

Multi-criteria specification incorporating various requirements

To reduce maintenance / repair frequency

No color fading over time

OUR SOLUTION



Organosilane, phenolic, silicone chemistry adapted to wide temperatures range

Multi functional coating with corrosion protection, chemical resistance, etc.

Long term protection

Limited alteration of the coating at recommended temperature environment

Range overview

High temperature resistant coatings



	Maximum in-service temperature	Substrate	Anticorrosion properties	Recommended use / thickness	Available colors	Applications method	Approvals
LFPH 006	270 °C / 518 °F	Alu	X	Monolayer 20 µm	Clear Black Aluminum	Spraying, dipping, pouring over, filling, brushing	LIEBHERR AEROSPACE, HONEYWELL, SECAN
LFSH 066	700 °C / 1112 °F	Steel	X	Monolayer 20-30 µm	Black	Spraying, rolling, brushing	SAFRAN
SOCOGLAZE SPC 0980/0981 CF	550 °C / 1022 °F	Steel	X	40-60 µm	Aluminum	Spraying	SAFRAN
BOLICONE K ALU	600 °C / 1112 °F	Steel	X	25 µm	Aluminum	Spraying	DASSAULT AVIATION, SAFRAN
BOLICONE M4	600 °C / 1112 °F	Steel	X	25 µm	Aluminum	Touch up, spraying, brushing	DASSAULT AVIATION, SAFRAN

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