

PRODUCT DATASHEET

XYLAN® 1014 SERIES COATING



Xylan® 1014 series coating is a resin-based material which produces finishes that are harder, more abrasion resistant, glossier, and less porous. It is excellent at protecting against chemicals, corrosive agents, extreme weather, and abrasives.



Xylan® is a registered trademark of Whitford.

Service

Xylan® 1014 is primarily formulated for use on fasteners to prevent corrosion and facilitate make-up and break-out torque.

Outstanding lubrication for predictable makeup and breakout torque, and they have outstanding chemical resistance.

Xylan® 1014 coating can be applied to many types of substrate materials such as aluminum, brass, high alloy steel, carbon steel, stainless steel, titanium, and zinc plating. Typical applications include fasteners, compressors, hinge pins, piston casings, and mating surfaces that require lubrication.

Xylan® 1014 coatings will withstand most solvents, waters, acids, caustic, and aviation fuels.

Xylan® 1014 eliminates the problems of galling, a form of wear due to excessive friction between two moving surfaces, which occurs with metals such as stainless steel.

Coefficient of Friction & Torque Values

Xylan® 1014 coating has a low coefficient of friction, typically in the range of 0.02 to 0.10. This reduces the torque required to achieve the desired tension preload. For guidance please contact Flexitallic.

Installation

Please follow the Flexitallic assembly instructions, copy available on request.

Tests & Approvals

Xylan® 1014 coating applied over a zinc phosphate steel can exceed 1000 hours of ASTM B117 salt fog test and applied over electroplating can withstand up to 2000 hours of ASTM B117 salt fog test.

Temperature Range

Continuous: -255°C to 290°C
(-425°F to 550°F)

Intermittent: up to 285°C (545°F)

Available Colours

	White
	Haze Gray
	Gray #617
	Dark Brown
	Black #870
	Matte Black
	Red #181
	Pumpkin Orange
	Bright Yellow #340
	Green #424
	Green #439
	Light Blue
	Deep Medium Blue
	Dark Blue #540

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