

PRODUCT DATASHEET

XYLAN® 1424 SERIES COATING



Xylan® 1424 series coating is a high performance, waterbourne, VOC compliant material that is resin-bonded, thermally cured, single film dry lubricant. It is excellent at protecting against chemicals, corrosive agents, extreme weather, and abrasives.

Service

Xylan® 1424 is primarily formulated for use on fasteners to prevent corrosion and facilitate make-up and break-out torque.

Xylan® 1424 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.

Xylan® 1424 coatings will withstand most solvents, waters, automotive fluids, and fuels.

Xylan® 1424 is impervious to new water based hydraulic fluids used in offshore oil production.

Xylan® 1424 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® 1424 coating has a low coefficient of friction, typically in the range of 0.05 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® 1424 coating applied over a zinc phosphate steel can exceed 1500 hours of ASTM B117 salt fog test.

Temperature Range

Continuous: -50°C to 176°C
(-58°F to 359°F)
Intermittent: up to 200°C (392°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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