



DESIGNED TO PROVIDE OPTIMUM COEFFICIENT OF FRICTION ***WHITMORE® SOLID STICK FRICTION MODIFIER.***

Whitmore® Solid Stick Friction Modifiers optimize positive friction while substantially reducing wear and noise, resulting in decreased maintenance costs and a smoother, quieter operation.

For kiln/dryer applications - during normal rolling, Whitmore Solid Stick Friction Modifiers utilize mild lubricating properties, however, when creeping occurs, the sliding friction immediately converts to “positive friction”.

For overhead/port crane applications - use two Whitmore Solid Stick Lubricants and one Whitmore Solid Stick Friction Modifier per wheel. Wheels are double flanged and product must be on leading and trailing wheels of each bogie.

During this conversion, friction levels reach approximately 0.42 between the surfaces. This consequently controls the creep condition and returns the application to a healthy rolling motion. The result is a substantial reduction in creep forces, which reduces the onset of corrugations and high-frequency squeals and leads to longer equipment life.

Intended for applying to driven support and thrust rollers transferring to tire ring on rotary kilns and dryers, and bogie wheels on overhead and port cranes. Also suitable for other industrial applications requiring control of friction.

SOLID STICK FRICTION MODIFIER



APPLICATIONS:

- Applied to driven support and thrust rollers transferring to tire ring on rotary kilns and dryers
- Leading and training bogie wheels on overhead and port cranes
- Suitable for other industrial applications requiring control of friction

BENEFITS:

- WEAR - greatly reduces wear
- NOISE LEVEL - stops or substantially reduces high pitch squeal
- QUIET - smoother, quieter operation
- CLEAN - provides clean and dry friction management
- INTERLOCK - includes a round interlocking feature to prevent Nib fallout
- POSITIVE FRICTION - provides positive friction on driven support rollers
- APPEARANCE - does not glaze over during operation
- SELF EXTINGUISHING - will not sustain combustion under atmospheric conditions
- RAIN RESISTANT - does not wash off in rain

TYPICAL CHARACTERISTICS

ASTM #		
	Coefficient of Friction	0.18 – 0.42
	Wear Rate (Kilns)	Varies based on block thickness
	Wear Rate (Cranes)	1" per 2500 miles (25 mm per 4000 km)
	Appearance	Opaque, Dark Grey, Solid
	Quality Standards	Environmentally Safe: Non-GLP Fish Toxicity
D-2240	Surface Hardness	84-85 Shore "D"
	Operating Temperature, °F (°C)	-40 (-40) to 1112 (600)

Packaging:

Kiln/Dryer Applications: 1'W x 5'L Sheet
(Thickness - 1, 1.5, 2)
Overhead/Port Crane Applications: 50 Sticks/Case

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The above are average values. Minor variations which do not affect product performance are to be expected in normal manufacturing.