



## Kinetrol Blueline Food Grade Coating for use in the EU or USA Product Variation.

Products coated with Kinetrol RAL5015 Blueline food grade paint option, have a Kinetrol Variation Product Code: BU. This is suitable for use in the European Union & United States of America for Standard Actuators & Spring Units. For other assemblies including ULS and XLS switchboxes, AP, P3 and EL positioners a special order code will be issued.

For Example: a model 09 ISO Double acting Actuator having this coating would be: 094-100BU or model 09 ANSI Spring Return Actuator clockwise would be 097-120BU.

The product casings are pretreated prior to coating for additional protection.

This coating system exhibits the following characteristics:

1. Good resistance to 'caustic washdown' procedures as typically performed in the food industry.
2. If in extreme circumstances, the coating becomes dislodged from the product surface, its colour is particularly visible to the human eye or sorters/sensors/detectors.
3. Good resistance to corrosion in salt laden environments.
4. The coating has good non-stick properties.

### Coating Statement for European Union:

When coated in this finish, Kinetrol product casings meet the Belgian Norm NBN – S 29001.

### Coating Statement for United States of America:

This coating is permitted for use in contact with food in compliance with the Federal Food, Drug and Cosmetic Act (FDA) and all applicable regulations, including 21 CR 175.300 (Code of Federal Regulations).

Issue C	Signed RCC	Date 01/02/24	<b>KINETROL</b> Trading Estate Farnham Surrey England	Doc. No. TD194 Page 1 of 2
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Examples of the Chemical Resistance of Blueline Food Grade Coating	
Chemical	Effect of Exposure
HCl (concentrated) at room temperature <sup>(1)</sup>	Slight marks
HCl (pH2) at 125°F <sup>(1)</sup>	Slight marks
NaOH (50%) at room temperature <sup>(1)</sup>	No effect
NaOH (pH 12.5) <sup>(1)</sup>	No effect
NaOH (pH 9.5) at room temperature <sup>(1)</sup>	No effect
NaOH (pH 9.5) at 125°F <sup>(1)</sup>	No effect
MEK at room temperature <sup>(1)</sup>	Slight marks
Toluene at room temperature <sup>(1)</sup>	No effect
Ethylene glycol at room temperature <sup>(1)</sup>	No effect
Common Hydraulic Fluid at 200°F <sup>(2)</sup>	Gloss decrease, no effect on coating integrity
(1) = 24-hour chemical spot tests (ASTM D1308-79) (2) = Immersion tests	
Note: HCl is chemical symbol for Hydrochloric acid, NaOH is chemical symbol for Sodium Hydroxide MEK is chemical symbol for Methyl ethyl ketone	

For further chemical resistance information see TD205.