



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

Products coated with Kinetrol RAL5002 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. It shows exceptional resistance to chipping/flaking. It does not 'chip' in a brittle manner but remains attached to the substrate.
3. 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.
4. Good resistance to corrosion in salt laden environments.
5. The coating has good non-stick properties.

Coating Statement for European Union:

When coated in this finish, Kinetrol product casings meet the requirements of German BfR L1 for Temperature Resistant Polymer Coating Systems for Frying, Cooking and Baking Utensils. BfR recognises that when in contact with food it will not transfer its constituents in quantities that could endanger human health.

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 B	Signed RCC	Date 28/10/16	KINETROL Trading Estate Farnham Surrey England	Doc. No. TD194 Page 1 of 2
------------	---------------	------------------	---	-------------------------------



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

Examples of the Chemical Resistance of Blueline Food Grade Coating	
Chemical	Effect of Exposure
HCl (concentrated) at room temperature ⁽¹⁾	No effect
HCl (pH2) at 125°F ⁽¹⁾	No effect
NaOH (50%) at room temperature ⁽¹⁾	No effect
NaOH (pH 12.5) ⁽¹⁾	No effect
NaOH (pH 9.5) at room temperature ⁽¹⁾	No effect
NaOH (pH 9.5) at 125°F ⁽¹⁾	No effect
MEK at room temperature ⁽¹⁾	Slight marks
Toluene at room temperature ⁽¹⁾	Slight marks
Ethylene glycol at room temperature ⁽¹⁾	No effect
Common Hydraulic Fluid at 200°F ⁽²⁾	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	