

Teflon® 174 SBC

Description

Teflon® 174 SBC (Superior Black Coatings) have excellent adhesion, durability, heat resistance and non-stick qualities, making it a good choice in a variety of situations where dry lubrication and release in an abrasive or high-temperature environment are needed. Teflon® 174 SBC can be applied onto carbon steel, stainless steel and aluminium substrates. The maximum in-use temperature is 260 °C (500 °F).



Teflon 174 SBC		
Coating Name	Minimum Coating Thickness, µm	Maximum Coating Thickness, µm
Midnite-X	20	-
Flash Black	40	50
Phantom	30	45
Silhouette	35	75
Stealth	35	50

Note: These numbers are averages and may vary.

Coating name	Applications	Coating structure
Midnite-X	<ul style="list-style-type: none"> Coffee plate warmers Food processing utensils Iron sole plates Portable electrics Sandwich makers 	PTFE
Flash Black	<ul style="list-style-type: none"> Chemical equipment, i.e. impellers, mixing tanks, valves, pumps Biotechnology and medical equipment Silicone wafer mfg equipment Molds Laundry dryers Copier printer rollers Paint spray cups Light bulbs 	Dual coating of PTFE & PFA in a metallic black finish.
Phantom	<ul style="list-style-type: none"> All of the applications listed for Flash Black except with a non-metallic black finish. 	Dual coating of PTFE & PFA
Silhouette	<ul style="list-style-type: none"> All of the applications listed for Phantom but with improved mold release property. 	Dual coating of PTFE & PFA
Stealth	<ul style="list-style-type: none"> All of the applications listed for Silhouette but with enhanced non-stick properties and resistance to abrasion. 	Tri-coat PTFE with a sparkling black appearance.

FDA Status

Teflon® 174 SBC comply with FDA regulations in 21 CFR governing components of coatings for direct food contact.

Teflon® 174 SBC are exclusively available from:-



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