



Teflon[®]

Industrial Coatings



**HEAT
RESISTANT**



NONSTICK



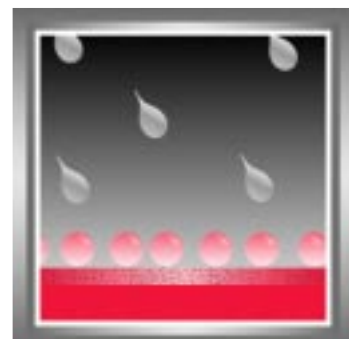
**LOW
FRICTION**



**CHEMICAL
RESISTANT**



**HI/LO TEMP
RESISTANCE**



NONWETTING



ELECTRICAL



**FDA
CONFORMING**



**ABRASION
RESISTANT**

Product and Market Guide

Ever since their discovery and subsequent introduction under the Teflon® trademark, fluoropolymers have demonstrated a versatility unmatched by any other

engineering material. With a unique combination of properties, DuPont Teflon® industrial coatings have gained acceptance in a wide variety of markets.

Available in a full range of powder and liquid forms, these coatings allow almost unlimited application to a wide range of part sizes and configurations—always adding value far beyond their inherent nonstick qualities.



Technology:	Product Code:	Food Contact:	Cure Temp °C (°F):	Service Temp °C (°F):	Typical Applications:	
PTFE	TOPCOATS (Aqueous):		385-430° (725-805°)	260° (500°)	<ul style="list-style-type: none"> • Heat exchangers • Automatic soldering equipment • Molds • Carburetor shafts, linkages • Cruise control parts • Filters • Cryogenic applications • Aerospace applications 	
	851-214 Green					
	851-221 High-build Gray					
	851-224 High-build Green					
	851-255 High-build Black					
	852-201 Clear					
	852-202 High-Build Clear					
	ACID PRIMERS*:		230-280° (445-535°)	260° (500°)		* Used with VM-7799 acid accelerator
	850-300 Clear					
	850-314 Green		Force dry			
850-321 Gray						
FEP	TOPCOATS (Powder):		290-370° (554-700°)	150° (300°)	<ul style="list-style-type: none"> • Chemical equipment, i.e: impellers; mixing tanks; valves; pumps • Biomedical equipment • Heat sealing bars • Shoe molds • Textile dryers 	
	532-8000 Clear			200° (390°)		
	532-8110 Clear	YES				
	TOPCOATS (Aqueous):		370-400° (700-750°)	200° (390°)		
	856-200 Clear	YES				
	856-204 Green					
	856-211 Gray					
	PRIMERS:					
	850-Acid Primers					
	958-203 Black					
958-207 Green						
959-203 Black	YES					
959-205 Brown	YES					
959-503 Silver	YES					

Technology:**Product Code:****Food Contact:****Cure Temp °C (°F):****Service Temp °C (°F):****Typical Applications:**

Technology:	Product Code:	Food Contact:	Cure Temp °C (°F):	Service Temp °C (°F):	Typical Applications:
PFA	TOPCOATS (Powder):		370-400° (700-750°)	260° (500°)	<ul style="list-style-type: none"> • Chemical equipment, i.e: impellers; mixing tanks; valves; pumps • Biomedical equipment • Silicone wafer mfg. equip. • Molds • Laundry dryers • Copier, printer rolls • Paint spray cups • Light bulbs
	532-5010 Clear	YES			
	532-5011 Clear (Extra smooth)	YES			
	532-5012 High-build Tan	YES			
	532-5310 Clear (High MW)	YES			
	532-7000 Sparkling Clear	YES			
	532-7100 White	YES			
	TOPCOATS (Aqueous):		400° (750°)	260° (500°)	
	857-210 Clear				
	PRIMERS:				
420-703 Black	YES				
850-Acid Primers					
959-503 Silver	YES				
ETFE	TOPCOATS (Powder):		300-315° (570-600°)	150° (300°)	<ul style="list-style-type: none"> • Thick films (1,000 microns) • Chemical equipment, i.e: centrifuges; tank linings; valves; pumps; exhaust ducts • Polystyrene molds
	532-6110 High-build Clear	YES			
	532-6210 High-build Topcoat	YES			
	532-6114 High-build Green				
	532-6118 Sparkling Beige	YES			
	PRIMERS:				
	532-6006 Blue Powder Coat				
699-123 Black Aqueous	YES				

Technology:	Product Code:	Food Contact:	Cure Temp °C (°F):	Service Temp °C (°F):	Typical Applications:
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Teflon®-S Self-priming ONE-COAT blends of fluoropolymer with other resins: PPS; PES; PAI; Epoxy

(Powder):					<ul style="list-style-type: none"> • Automotive gasoline filler tubes • Sprinkler ball valves • Fan blades, Housings, Garden tools • Automotive fasteners • CPI fasteners • Boat propellers • Saw blades • Packaging equipment, Conveyors • Fuel injectors, Saw blades • Best dry lubricant
532-1003	Black Powder Coat		200-290° (390-555°)	150° (300°)	
(Solvent):					
954-100	Unpigmented		260° (500°)	150° (300°)	
954-101	Green				
954-103	Black				
954-201	Low-bake Green		175° (350°)	150° (300°)	
954-203	Low-bake Black				
954-407	Low-bake Flat Black				
958-203	Black		315-345° (600-650°)	220° (430°)	
958-207	Green				
958-303	Dry Lubricant Black		260-345° (500-650°)	260° (500°)	
958-306	Blue				
(Aqueous):					
954-50003	Black		175° (350°)	150° (300°)	
954-50007	Green				

Teflon® One-Coats Self-priming, ONE-COAT blends of fluoropolymer with other resins: PPS; PES; PAI; Epoxy

(Solvent):					<ul style="list-style-type: none"> • Coffee plate warmers • Assorted food processing utensils • Iron sole plates • Portable electrics • Sandwich makers
420-104	Gray	YES	400° (750°)	260° (500°)	
420-106	Metallic Gray	YES			
420-109	Metallic Black	YES			
959-203	Black	YES	345° (650°)	215° (420°)	
959-205	Brown	YES			
(Aqueous):					
857-503	Black	YES	400° (750°)	260° (500°)	

PTFE / PFA Patented Blends

855-021	Blue (Primer)		425°-430° (800-810°)	260° (500°)	<ul style="list-style-type: none"> • Copiers • Printers
855-401	Silver (Midcoat)				
855-402	Black (Midcoat)				
855-500	Clear (Topcoat)				
(Electroconductive):					
855-023	Black (Primer)		425°-435° (800-815°)	260° (500°)	
855-101	Black (Midcoat)				
855-103	Black (Topcoat)				
(Industrial Supra®):					<ul style="list-style-type: none"> • Commercial food
459-780	Blue (Primer)	YES	425°-435° (800-815°)	260° (500°)	
456-186	Pewter (Midcoat)	YES			
456-187	Black (Midcoat)	YES			
456-480	Clear (Topcoat)	YES			
(Ceramic Reinforced):					
857-101	Black (Primer)	YES	425°-440° (800-815°)	260° (500°)	
857-202	Black (Midcoat)	YES			
857-301	Clear (Topcoat)	YES			

Market:	Typical Applications:	Coating Requirements:	Recommended Products:		BEST—	
AUTOMOTIVE	<ul style="list-style-type: none"> • Seat belt clips • Fasteners • Throttle body shafts 	<ul style="list-style-type: none"> • Dry lubrication • Corrosion resistance 	954-103	Black	958-303	Black
CHEMICAL PROCESSING	<ul style="list-style-type: none"> • Pumps • Tanks • Valves • Impellers 	<ul style="list-style-type: none"> • Chemical resistance 	850-321 532-5012 532-5010	Gray Tan Clear (500 microns)	699-123 532-6114 532-6110	Black Green Clear (1,000 microns)
INDUSTRIAL BAKEWARE	<ul style="list-style-type: none"> • Bread pans • Bun pans • Flat pans 	<ul style="list-style-type: none"> • Nonstick 	959-503 420-703 532-7000	Silver (Primer) Black (Primer) Sparkling Clear	959-503 420-703 532-5310	Silver (Primer) Black (Primer) Clear (Topcoat)
FASTENERS	<ul style="list-style-type: none"> • Large industrial nuts and bolts 	<ul style="list-style-type: none"> • Corrosion resistance 		—	958-306	Blue
FOOD PROCESSING	<ul style="list-style-type: none"> • Dough rollers • Misc. equipment 	<ul style="list-style-type: none"> • Nonstick 	420-106 958-203 856-200	Silver (One-coat) Black (Primer) Clear (Topcoat)	420-703 532-5012 532-5010	Primer Tan Clear
FOOTWEAR	<ul style="list-style-type: none"> • Shoe molds • Midsoles • Outsoles 	<ul style="list-style-type: none"> • Nonstick 	850-321 856-200	Gray (Primer) Clear	850-321 532-5010	Gray (Primer) Clear
HARDWARE	<ul style="list-style-type: none"> • Saw blades 	<ul style="list-style-type: none"> • Nonstick • Low friction 		—	954-407 954-103	Flat Black Black
COMMERCIAL LAUNDRY	<ul style="list-style-type: none"> • Dryer baskets 	<ul style="list-style-type: none"> • Nonstick 		—	420-703 532-7000	Black (Primer) Sparkling Clear
LAWN & GARDEN	<ul style="list-style-type: none"> • Shears • Scissors 	<ul style="list-style-type: none"> • Nonstick • Corrosion resistance • Dry lubrication 		—	954-103	Black (Industry standard)
LIGHTING	<ul style="list-style-type: none"> • Incandescent light bulbs 	<ul style="list-style-type: none"> • Heat resistance • Optical clarity 		—	532-5310	Clear
MOLD RELEASE	<ul style="list-style-type: none"> • Golf balls • Rubber mats • Wide variety misc. 	<ul style="list-style-type: none"> • Nonstick 	850-321 420-703 532-5010	Gray (Primer) Black (Primer) Clear	850-321 420-703 856-200	Gray (Primer) Black (Primer) Clear (Topcoat)
OFFICE AUTOMATION	<ul style="list-style-type: none"> • Copier, printer & facsimile rolls 	<ul style="list-style-type: none"> • Nonstick 	850-321 855-027 532-5011	Gray (Primer) Silver (Primer) Clear	855-300 855-401 855-500 855-023 855-101 855-103	Silver Silver Silver Black Cond Black Cond Black Cond
PACKAGING	<ul style="list-style-type: none"> • Heat seal bars 	<ul style="list-style-type: none"> • Nonstick 	850-321 856-200	Gray Clear	850-321 456-187 855-401	Gray (Primer) Silver (Topcoat) Silver (Topcoat)
PHARMACEUTICAL	<ul style="list-style-type: none"> • Vessels 	<ul style="list-style-type: none"> • Nonstick • Abrasion resistance 	699-123 532-6110	Black Clear	420-703 532-5012	Black Tan
PAPER	<ul style="list-style-type: none"> • Process rolls 	<ul style="list-style-type: none"> • Corrosion resistance 	850-314 856-204 532-5010	Gray Tan Clear	699-123 532-6114 532-6110	Black Green Clear
TEXTILE	<ul style="list-style-type: none"> • Dryer cans 	<ul style="list-style-type: none"> • Nonstick 	850-314 856-204 856-200	Green Green (2-coats) Clear (2-coats)	850-314 856-204 532-5010	Green Green Clear



This emblem identifies DuPont Licensed Industrial Applicators.

DuPont has a network of licensed applicators located throughout the world who are selected for their extensive knowledge and experience in recommending and applying Teflon® industrial coatings.

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Teflon® is sold in forms other than formulated liquid and powder coatings. For more information on Teflon® industrial coatings, resins, fibers, films or linings, please contact:

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Your local Licensed Industrial Applicator is:



Teflon®
Only by DuPont