

FOOD GRADES MATERIALS



FLUORTEN CODE	MATERIAL	COLOUR	APPLICATION	TEMPERATURE	FDA	EU	GMP	CHINA
F10-00	VIRGIN PTFE	White	Standard PTFE grade good for applications WITHOUT SPECIFIC REQUIREMENTS (Seats for ball valves, O-RINGS, membranes, flat rings, sliding tapes).	-200 +260 °C	●	●	●	
F10-01	PREMIUM GRADE VIRGIN PTFE	White	First Quality grade: small particle size suitable for electric applications and low porosity sealing.	-200 +260 °C	●	●	●	●
F10-02	MODIFIED PTFE	White	Modified and improved grade suggested for Membranes, Diaphragms, bellows, Spring energized seals. Extremely good for electric applications and low porosity sealing.	-200 +260 °C	●	●	●	●
F10-08	MODIFIED FILLED PTFE	Irregular brown with shadows	Spring energized seals jacket, specific seals where wear resistance and improved flexibility are needed without compromising chemical resistance.	-200 +280 °C	●			
F10-09	MODIFIED FILLED PTFE	Irregular brown with shadows	Spring energized seals jacket, specific seals where wear resistance and improved flexibility are needed without compromising chemical resistance.	-240 +300 °C	●			
F10-12	PE HD	White	Seals, rings, pads where abrasion resistance is needed.	-240 +80 °C	●			
F10-14	PCTFE	Transparent to white	Inserts for valves, general components for low temperature environments.	-270 +250 °C	●	●		
F10-15	PEEK NATURAL	Light brown	Inserts for valves, seats, food industry, automotive, compressors, aerospace, marine, chemical applications.	-196 +260 °C	●	●	●	●
F10-16	PEEK CA	Black	Inserts for valves, seats, food industry, automotive, compressors, aerospace, marine, chemical applications.	-196 +260 °C	●			
F10-18	PEEK FE	Light brown	Inserts for valves, seats, food industry, automotive, compressors, aerospace, marine, chemical applications.	-196 +260 °C	●			
F10-20	PEEK FC30	Black	Inserts for valves, seats, food industry, automotive, compressors, aerospace, marine, chemical applications.	-196 +260 °C	●			
F10-23	MODIFIED FILLED PTFE	Dark grey	Seals, rings, pads where good chemical resistance and high compression resistance are needed. Metal detectable.	-200 +260 °C	●	●	●	
F10-28	MODIFIED PTFE	Black	Sealing, sliding, pads where extremely high wear resistance is needed. Great for dry running conditions.	-200 +260 °C	●	●	●	●
F10-34	PEEK GL	Light brown	Compressors, automotive, aerospace, equipments and machines where good compression resistance in temperature is needed.	-196 +260 °C	●			
F10-75	POM	White	Food industry, general usage for low demanding application plastics.	-150 + 260 °C	●	●	●	
F10-90	MODIFIED PTFE	Light brown	Seals, rings, pads where abrasion resistance is needed.	-200 +260 °C	●	●	●	
F10-99	PFA	White	Food industry, low porosity and easy to clean material. Sealing elements, pump shelters where great chemical resistance is needed.	-196 +260 °C	●	●	●	
F10-136	MODIFIED PTFE	Cream	Food industry, seals (lower porosity than glass filled compounds).	-240 +288 °C	●	●	●	

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