

	FKM Compound	Primary Industry	Primary Uses	Features & Benefits	Service Temperature Range	Chemical Compatibility
Universal Compound	742	Semiconductor	Dry & wet wafer processing equipment seals: <ul style="list-style-type: none"> • Bonded slit valve doors • Chamber seals • Door seals • Window seals • Lid seals • Gas inlet seals • KF fitting seals • Valve seals • Gaskets • Fitting & union seals 	<ul style="list-style-type: none"> • Outstanding physical properties • Conforms well to hardware features • Good performance history in aggressive chemicals 	-30° to 200°C (-22°F to 392°F)	
	Clean-FKM	706	Semiconductor	Dry wafer processing equipment seals: <ul style="list-style-type: none"> • Bonded slit valve gates • Chamber seals • Door seals • Filter seals • Gas inlet seals • Lid seals • Window seals • Valve seals 	<ul style="list-style-type: none"> • Good plasma resistance • Good physical properties • Minimal contamination • Excellent performance history as “universal product” 	-29°C to 220°C (-20°F to 428°F)
		FPD Blue 707	Semiconductor	FPD processing equipment seals: <ul style="list-style-type: none"> • Endpoint windows • Valve seals • KF fitting seals • Window seals • Lid seals • Gas inlet seals • Slit valve seals • Chamber seals 	<ul style="list-style-type: none"> • Wide range of chemical compatibility • Minimal contamination • Excellent design flexibility • Extends in-use seal life • Low particulation 	-20°C to 220°C (-4°F to 428°F)

Note: Characteristic metrics are provided as generally accepted industry ranges. Actual ranges may vary, depending on specific industry applications, such as additives, formulations, curatives used, etc.

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Engine Oil/Hydraulics/Jet Fuel/Bleed Air/Environmental Sealing	665	Aerospace	Ultra Low-temperature fluorocarbon (FKM) where both high & low temperatures, as well as good chemical compatibility, is required	Meets & exceeds AMS 7379	-70°F to 450°F (-57°C to 232°C)	<ul style="list-style-type: none"> • MII-PRF-23699 • MIL-PRF-46170 • MIL-PRF-5606 • MIL-PRF-6083 • MIL-PRF-7808 • MIL-PRF-83282 • MIL-PRF-87257 • Aviation fuels
	686	Aerospace	Low-temperature fluorocarbon (FKM) where both high & low temperatures, as well as good chemical compatibility, is required	Meets AMS 7379	-60°F to 400°F (-51°C to 204°C)	<ul style="list-style-type: none"> • MII-PRF-23699 • MIL-PRF-46170 • MIL-PRF-5606 • MIL-PRF-6083 • MIL-PRF-7808 • MIL-PRF-83282 • MIL-PRF-87257 • Aviation fuels
	731	Aerospace	Standard fluorocarbon (FKM) compound where high temperature and/or chemical compatibility is required and where low temperature is not required	Meets AMS 7276 (formerly AMS-R-83248)	-30°C to 232°C (-22°F to 450°F)	Aviation fuels Di-ester based engine oils MIL-PRF-23699 MIL-PRF-7808
	735	Aerospace	Standard fluorocarbon (FKM) compound where high-temperature &/or chemical compatibility is required & where low temperature is not required	Meets AMS 7276 (formerly AMS-R-83248)	-22°F to 450°F (-30°C to 232°C)	<ul style="list-style-type: none"> • MII-PRF-23699 • MIL-PRF-46170 • MIL-PRF-5606 • MIL-PRF-6083 • MIL-PRF-7808 • MIL-PRF-83282 • MIL-PRF-87257 • Aviation fuels
	757	Aerospace	Low-temperature fluorocarbon (FKM) where both high & low temperatures, as well as good chemical compatibility, is required	Meets AMS 7287 (formerly AMS-R-83485)	-40°F to 450°F (-40°C to 232°C)	<ul style="list-style-type: none"> • MII-PRF-23699 • MIL-PRF-46170 • MIL-PRF-5606 • MIL-PRF-6083 • MIL-PRF-7808 • MIL-PRF-83282 • MIL-PRF-87257 • Aviation fuels

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	FKM Compound	Primary Industry	Primary Uses	Features & Benefits	Service Temperature Range	Chemical Compatibility
Engine Oil/Hydraulics/Jet Fuel/ Bleed Air/Environmental Sealing	772	Aerospace	Low temperature fluorocarbon (FKM) where both high temperature and low temperatures as well as good compatibility is required	Meets AMS 7287 (formerly AMS-R-83485)	-40°C to 232°C (-40°F to 450°F)	<ul style="list-style-type: none"> • MIL-PRF-23699 • MIL-PRF-46170 • MIL-PRF-5606 • MIL-PRF-6083 • MIL-PRF-7808 • MIL-PRF-83282 • MIL-PRF-87257 • Aviation fuels
	927	Aerospace	Standard fluorocarbon (FKM) compound where high-temperature &/or chemical compatibility is required & where low temperature is not required	Meets AMS 7259 (formerly AMS-R-83248)	-20°F to 450°F (-29°C to 232°C)	
Rapid Gas Decompression Resistance	936	Energy upstream	Down hole, subsea, & surface equipment seal	<ul style="list-style-type: none"> • Reliable RGD (rapid gas decompression) resistance at low temperatures • Extends life of refining, pipeline & oilfield equipment • Increases mean time between repair 	-37°C to 232°C (-35°F to 450°F)	
	938	Energy Downstream	Hydrocarbon refining, pipeline & oilfield equipment seals; compressors, valves, mechanical seals	<ul style="list-style-type: none"> • Successfully passed Norsok M-710, Total GS EP PVV 142, & NACE TM 0297 • Reliable RGD resistance at low temperatures • Extends equipment life & increases mean time between failure 	-37°C to 232°C (-35°F to 450°F)	
	944	Energy Downstream	Downhole, subsea, & surface equipment seals; compressors, valves, mechanical seals	<ul style="list-style-type: none"> • Provides reliable RGD resistance at low/high temps • Enables sealing integrity & equipment safety with decompression rates up to 2,175 PSI (150 bar)/min • Successfully passed ISO 23936-2 & Norsok M-710 test protocols 	-37°C to 230°C (-35°F to 450°F)	

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FKM Compound	Primary Industry	Primary Uses	Features & Benefits	Service Temperature Range	Chemical Compatibility
715	Energy Upstream			-30°C to 232°C (-20°F to 450°)	
716	Energy Downstream		FDA Compliant	-30°C to 232°C (-20°F to 450°)	
761	Energy Upstream			-40°C to 232°C (-40°F to 450°F)	
927	Energy Upstream			-29°C to 232°C (-20°F to 450°F)	
929A				-29°C to 204°C (-20°F to 400°F)	
935	Energy Midstream Downstream	Hydrocarbon refining, pipeline & oil field equipment seals, compressors, valves, mechanical seals	<ul style="list-style-type: none"> • Reliable RGD (rapid gas decompression) resistance at low temperatures • Extends life of refining, pipeline & oilfield equipment • Increases mean time between repair 	-37°C to 232°C (-35°F to 450°)	<ul style="list-style-type: none"> • Methanol • Sour gas • Hot water, steam

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