



Elastomer Materials Portfolio

Compound Code	Compound Type	Reference Specification ⁽³⁾	Shore A Hardness	Low Temperature		High Temperature		MIL-PRF-7808	MIL-PRF-23699	Aviation Fuels	MIL-PRF-5606	MIL-PRF-83282	MIL-PRF-87257	MIL-PRF-6083	MIL-PRF-46170	High Density Phosphate Ester	Low Density Phosphate Ester	Silicone Oil	Hot Gasses
				°F	°C	°C	°F												
676	FFKM	AMS 7257	75	0	-18	324	615	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
665	FKM	AMS 7379, AMS 7410	75	-70	-57	232	450	▲	▲	▲	▲	▲	▲	▲	▲				
772	FKM	AMS 7287	75	-40	-40	232	450	▲	▲	▲	▲	▲	▲	▲	▲				
757	FKM	AMS 7287 ⁽²⁾	75	-40	-40	232	450	▲	▲	▲	▲	▲	▲	▲	▲				
731	FKM	AMS 7276	75	-22	-30	232	450	▲	▲	▲	▲	▲	▲	▲	▲				
735	FKM	AMS 7276 ⁽²⁾	75	-20	-29	232	450	▲	▲	▲	▲	▲	▲	▲	▲				
927	FKM	AMS 7259	90	-20	-29	232	450	▲	▲	▲	▲	▲	▲	▲	▲				
797	FEPM		80	23	-5	232	450			▲						▲			▲
686	FKM	AMS 7379 ⁽²⁾	75	-60	-51	204	400	▲	▲	▲	▲	▲	▲	▲	▲				
410	FVMQ	AMS 3383	80	-80	-62	177	350			▲	▲	▲	▲	▲	▲				
409	FVMQ	MIL-DTL-25988	75	-80	-62	177	350			▲	▲	▲	▲	▲	▲				
965	HNBR		75	-27	-33	177	350			▲	▲	▲	▲	▲	▲				
953	EPM	AMS 7361	80	-85	-65	150	302									▲	▲		
954	EPDM ⁽¹⁾		80	-72	-58	150	302									▲	▲		
952	EPM		80	-65	-54	150	302									▲		▲	
942	EPDM ⁽²⁾		70	-65	-54	149	300									▲	▲		
963	EPDM ⁽¹⁾⁽²⁾		80	-65	-54	149	300									▲	▲		
845	EPDM		90	-65	-54	149	300									▲	▲		
964	NBR		75	-65	-54	135	275				▲	▲	▲	▲	▲				
161	NBR		75	-65	-54	135	275				▲	▲	▲	▲	▲				
193	NBR	AMS-P-83461 ⁽²⁾	75	-65	-54	135	275				▲	▲	▲	▲	▲				
165	NBR	MIL-P-25732 ⁽²⁾	70	-65	-54	135	275				▲			▲					
160	NBR	MIL-P-25732	70	-65	-54	135	275				▲			▲					
364	AU ⁽²⁾		95	-30	-34	121	250				▲	▲	▲						
369	AU		90	-50	-46	107	225				▲	▲	▲						
330	AU		90	-40	-40	107	225				▲	▲	▲						
984	XNBR		90	-20	-29	107	225				▲	▲	▲	▲	▲				
987	NBR		65	-76	-60	100	212				▲								

⁽¹⁾ specifications are closely aligned with NAS1613 (rev 6) and EN6111 requirements

⁽²⁾ not available in all seal geometries

⁽³⁾ meets the referenced specification's physical property requirements

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