



Aerospace Industry Material Reference Guide (ORD 5800) 9/2019

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Material	Industry Material Specification	Revision	Aero Industry Part Drawing			Aero Industry Part Number		Compound	How to Order	
			2-XXX Part Numbers	Revision	3-XXX Part Numbers	Revision	2-XXX Part Numbers			3-XXX Part Numbers
Acrylonitrile-Butadiene (NBR)										
NM304-75	MIL-P-25732	C	AS28775	A	AS568	D	MS28775-xxx	AS568-xxx	NM304	NM304 MS28775-xxx
N0756-75	AMS-P-83461	---	AS83461/1	C	AS83461/2	C	M83461/1-xxx	M83461/2-xxx	N0756	N0756 A83461-xxx
N0602-70	AMS-P-5315	B	AS29513	C	AS29512	C	MS29513-xxx	MS29512-yy	N0602	N0602 A5315-xxx
NM072-70	AMS-R-7362	A	AS29561	B	NAS617	4	MS29561-xxx	NAS617-yy	NM072	NM072 A7362-xxx
N0287-70	AMS7272	G	AS3551	---	AS3551	---	AS3551-xxx	AS3551-xxx	N0287	N0287 A7272-xxx
N0674-70	MIL-G-21569 Class 1	B	AS568	D	AS568	D	AS568-xxx	AS568-xxx	N0674	N0674 M21569-xxx
	MIL-P-82745 and 8243413 (Rev D)	---	AS568	D	AS568	D	AS568-xxx	AS568-xxx	N0674	N0674 M82745-xxx
N0507-90	AMS-P-5510	A	AS568	D	AS28778	C	AS568-xxx	MS28778-yy	N0507	N0507 A5510-xxx
NM506-65	AMS7271	J	AS3578	---	AS3578	---	AS3578-xxx	AS3578-9yy	NM506	NM506 A7271-xxx
N0525-60	AMS3220	H	AS568	D	AS568	D	AS568-xxx	AS568-xxx	N0525	N0525 A3220-xxx
Ethylene Propylene (EP)										
EM163-80	NAS 1613 Rev 2	2	NAS1611	12	NAS1612	8	NAS1611-xxx	NAS1612-yy	EM163	EM163 N1613-xxx/1W2Y**
	NAS 1613 Rev 6	6	NAS1611	12	NAS1612	8	NAS1611-xxxA	NAS1612-yyA	EM163	EM163 N1613-xxx
E0540-80	8243412	E	AS568	D	AS568	D	AS568	AS568	E0540	E0540 M82744-xxx/1W2Y^
Polychloroprene (CR)										
C0267-50	AMS3208	N	AS568	D	AS568	D	AS568-xxx	AS568-xxx	C0267	C0267 A3208-xxx
C1124-70	AMS3209	M	AS568	D	AS568	D	AS568-xxx	AS568-xxx	C1124	C1124 A3209-xxx
CM260-60	AMS3241	J	Molded Shapes			Molded Shapes				Quote Only
Butyl (IIR)										
B0318-70	AMS3238	J	AS568	D	AS568	D	AS568	AS568	B0318	B0318 A3238-xxx
Fluorosilicone (FVMQ)										
L1223-60	MIL-DTL-25988 Type 1 Class 1 Grade 60	C	MIL-R-25988/3	---	MIL-R-25988/3	---	M25988/3-xxx	M25988/3-9yy	L1223	L1223 M25988-xxx
	AMS3325	G	AS568	D	AS568	D	AS568	AS568	L1223	L1223 A3325-xxx
	MIL-DTL-25988 Type 2 Class 1 Grade 60	C	Molded Shapes			Molded Shapes				Quote Only
LM100-70	MIL-DTL-25988 Type 1 Class 1 Grade 70	C	MIL-R-25988/1	A	MIL-R-25988/1	A	M25988/1-xxx	M25988/1-9yy	LM100	LM100 M25988-xxx
LM256-70	MIL-DTL-25988 Type 2 Class 1 Grade 70	C	Molded Shapes			Molded Shapes				Quote Only
L1077-75	MIL-DTL-25988 Type 1 Class 3 Grade 75	C	MIL-R-25988/2	---	MIL-R-25988/2	---	M25988/2-xxx	M25988/2-9yy	L1077	L1077 M25988-xxx
L1218-80	MIL-DTL-25988 Type 1 Class 1 Grade 80	C	MIL-R-25988/4	---	MIL-R-25988/4	---	M25988/4-xxx	M25988/4-9yy	LM1218	LM1218 M25988-xxx
	MIL-DTL-25988 Type 2 Class 1 Grade 80	C	Molded Shapes			Molded Shapes				Quote Only
Silicone (VMQ)										
S0469-40	AMS3301	H	AS568	D	AS568	D	AS568	AS568	S0469	S0469 A3301-xxx
	A-A-59588 Class 2a, 2b, Grade 40	B	AS568	D	AS568	D	AS568	AS568	S0469	S0469 ZZR765-xxx
S0595-50	AMS3302	H	AS568	D	AS568	D	AS568	AS568	S0595	S0595 A3302-xxx
S0899-50	A-A-59588 Class 1a, 1b, 2a, 2b, Grade 50	B	AS568	D	AS568	D	AS568	AS568	S0899	S0899 ZZR765-xxx
S0613-60	AMS3303	K	AS568	D	AS568	D	AS568	AS568	S0613	S0613 A3303-xxx
	A-A-59588 Class 2b, Grade 60	B	AS568	D	AS568	D	AS568	AS568	S0613	S0613 ZZR765-xxx
S0383-70	AMS3337 Rev. F	E	AS568	D	AS568	D	AS568	AS568	S0383	S0383 A3337-xxx
	A-A-59588 Class 1a, Grade 70	B	AS568	D	AS568	D	AS568	AS568	S0383	S0383 ZZR765-xxx
	AMS3304	H	AS3582	---	AS3582	---	AS3582-xxx	AS3582-9yy	S0604	S0604 A3304-xxx
S0604-70	AMS3357	G	AS568	D	AS568	D	AS568	AS568	S0604	S0604 A3357-xxx
	MIL-G-21569 Class 2	B	AS568	D	AS568	D	AS568	AS568	S0604	S0604 M21569-xxx
	A-A-59588 Class 2a, 2b, Grade 70	B	AS568	D	AS568	D	AS568	AS568	S0604	S0604 M21569-xxx
	A-A-59588 Class 2a, 2b, Grade 70	B	Molded Shapes			Molded Shapes				Quote Only
SM355-75	AMS7267	G	AS568 (Nom dims CL IV Tols)	---	AS568 (Nom dims CL IV Tols)	---	AS568 (Nom dims CL IV Tols)	AS568 (Nom dims CL IV Tols)	SM355	SM355 A7267-xxx
S0614-80	AMS3305	K	AS568	D	AS568	D	AS568	AS568	S0614	S0614 A3305-xxx
	A-A-59588 Class 2a, 2b, Grade 80	B	AS568	D	AS568	D	AS568	AS568	S0614	S0614 ZZR765-xxx
SM201-40	A-A-59588 2b, Grade 40	B	Molded Shapes			Molded Shapes				Quote Only
SM265-70	Black, A-A-59588 Class 2b, Grade 70	B	Molded Shapes			Molded Shapes				Quote Only
Fluorocarbon (FKM)										
VM125-75	AMS7287	---	AS83485	A	AS83485	A	M83485/1-xxx	M83485/1-9yy	VM125	VM125 A7287-xxx
VM100-75	AMS7276	H	AS3209	A	AS3208	---	AS3209-xxx	AS3208-yy	VM100	VM100 A7276-xxx
	AMS7276 and AMS-R-83248 Type 1, Class 1	H	AS83248/1	A	AS83248/1	A	M83248/1-xxx	M83248/1-9yy	VM100	VM100 A7276-xxx
V1226-75	AMS7276	H	AS3209	A	AS3208	---	AS3209-xxx	AS3208-yy	V1226	V1226 A7276-xxx
	AMS7276 and AMS-R-83248 Type 1, Class 1	H	AS83248/1	A	AS83248/1	A	M83248/1-xxx	M83248/1-9yy	V1226	V1226 A7276-xxx
V1289-75	AMS7379	---	AS5729	A	AS6203	A	AS5729-xxx	AS6203-9yy	V1289	V1289 A7379-xxx
V0747-75	AMS-R-83248 Type 1, Class 1	Cancelled	AMS-R-83248/1	---	AMS-R-83248/1	---	M83248/1-xxx	M83248/1-9yy	V0747	V0747 M83248-1-xxx
V0709-90	AMS7259	E	AS3581	---	AS3581	---	AS3581-xxx	AS3581-9yy	V0709	V0709 A7259-xxx
	AMS7259 and AMS-R-83248 Type 1, Class 2	E	AS83248/2	A	AS83248/2	A	M83248/2-xxx	M83248/2-9yy	V0709	V0709 A7259-xxx
	AMS-R-83248 Type 1, Class 2	Cancelled	AMS-R-83248/2	---	AMS-R-83248/2	---	M83248/2-xxx	M83248/2-9yy	V0709	V0709 M83248-2-xxx
VX065-75	None	None	AS568 and Molded Shapes	D	AS568 and Molded Shapes	D	AS568 and Molded Shapes	AS568 and Molded Shapes	VX065	Quote Only
Tetrafluoroethylene-Propylene (TFE/P)										
V1006-75	AMS7255	D	AS568	D	AS568	D	AS568	AS568	V1006	V1006 A7255-xxx
Perfluoroelastomer (FFKM)										
FF200-75	AMS7257	E	AS568	D	AS568	D	AMS7257-xxx	AMS7257-9yy	FF200	FF200 A7257-xxx

Document sources:

MIL, MS, AN, ZR-R, and A-A documents can be viewed at <http://assist.daps.dla.mil> by clicking on Quick Search and entering the document number.

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*Test charges may apply. Contact the customer service department at 859-335-5100 for the latest information on applicable test fees.

**The following sizes will have no identification marking and will have a nomenclature "NO IDENT" -001 through -108, -201, -202, -901, and -902 (i.e., EM163 N1613-202/NO IDENT)

^The following sizes will have no identification marking and will have no "1W2Y" nomenclature. -001 through -010, -102 through -108, -201, -202, -901, and -902 (i.e., E0540 M82744-202)