



## Aerospace Part Number Cross-Reference Guide

Your Technology Specialist

**simrit**<sup>®</sup>

# Aerospace Part Number Cross-Reference Guide

Industry Standard Part Number	Simrit /FNGP-ISC Part Number	Material	Specification
NAS617-YY	AS568-9YY N477	N477	AMS-R-7362 or MIL-R-7362
NAS1523	See Fas-N-Seal List	Various	Various
NAS1593-XXX	AS568-XXX V75	V75	MIL-R-83248 Type 1 Class 1 (replaces MIL-R-25987 Type 1 Class 1)
NAS1594-XXX	AS568-XXX V90	V90	MIL-R-83248 Type 1 Class 2 (replaces MIL-R-25987 Type 1 Class 2)
NAS1595-9XX	AS568-9XX V75	V75	MIL-R-83248 Type 1 Class 1 (replaces MIL-R-25987 Type 1 Class 1)
NAS1596-9XX	AS568-9XX V90	V90	MIL-R-83248 Type 1 Class 2 (replaces MIL-R-25987 Type 1 Class 2)
NAS1598	See Fas-N-Seal List	Various	Various (superseded by NAS1523)
NAS1601-XXX	AS568-XXX E454	E454	NAS 1613 Rev 5
NAS1602-YY	AS568-9YY E454	E454	NAS 1613 Rev 5
NAS1611-XXXA	AS568-XXX E454	E454	NAS 1613 Rev 5
NAS1612-YYA	AS568-9YY E454	E454	NAS 1613 Rev 5
NAS1611-XXX	AS568-XXX E458	E458	NAS 1613 Rev 2
NAS1612-YY	AS568-9YY E458	E458	NAS 1613 Rev 2
AS3084-YY	AS568-9YY V75	V75	AMS 7276 (replaces AMS 7280)
AS3085-XXX	AS568-XXX V75	V75	AMS 7276 (replaces AMS 7280)
AS3208-YY	AS568-9YY V75	V75	AMS 7276
AS3209-XXX	AS568-XXX V75	V75	AMS 7276
MA3352	Call for metric sizes part no.	V75	AMS 7276
MA3442	Call for metric sizes part no.	S315	AMS 7267
MA3445	Call for metric sizes part no.	V115	AMS-R-83485 or MIL-R-83485
AS3569-XXX	AS568-XXX N434	N434	AMS 7270
AS3578-XXX	AS568-XXX N466	N466	AMS 7271
AS3578-YY	AS568-9YY N466	N466	AMS 7271
AS3581-XXX	AS568-XXX V90	V90	AMS 7259
AS3582-XXX	AS568-XXX S70	S70	AMS 3304
AS5351-XXX	AS568-XXX SZ498	SZ498	AMS7257 (part standard in process)
AS5729-XXX	AS568-XXX V127	V127	AMS7379
AS6058-XXX	AS568-XXX VG708	VG708	AMS 7254 (part standard in process)
AS6182-XXX	AS568-XXX SZ498	SZ498	AMS7257 (part standard in process)
AN6227	Call for unique sizes part no.	N432	AMS-P-25732 or MIL-P-25732 (superseded by MS28775)
AN6230	Call for unique sizes part no.	N432	AMS-P-25732 or MIL-P-25732
AN6231	Call for unique sizes part no.	N459	AMS-P-5510 or MIL-P-5510 (superseded by MS28778)
AN6290	Call for unique sizes part no.	N459	AMS-P-5510 or MIL-P-5510 (superseded by MS28778)

# Aerospace Part Number Cross-Reference Guide

Industry Standard Part Number	Simrit/FNGP-ISC Part Number	Material	Specification
MS9020-YY	AS568-9YY N466	N466	AMS 7271
MS9021-XXX	AS568-XXX N466	N466	AMS 7271
MS9068-XXX	AS568-XXX S70	S70	AMS 3304
AS9385-YY	AS568-9YY S315	S315	AMS 7267
MS9385-YY	AS568-9YY S315	S315	AMS 7267
AS9386-XXX	AS568-XXX S315	S315	AMS 7267
MS9386-XXX	AS568-XXX S315	S315	AMS 7267
MS9387-YY	AS568-9YY V75	V75	AMS-R-83248 or MIL-R-83248 (replaced by M83248/1)
MS9388-XXX	AS568-XXX V75	V75	AMS-R-83248 or MIL-R-83248 (replaced by M83248/1)
AS9966-YY	AS568-9YY F273	F273	AMS 7273
MS9966-YY	AS568-9YY F273	F273	AMS 7273
AS9967-XXX	AS568-XXX F273	F273	AMS 7273
MS9967-XXX	AS568-XXX F273	F273	AMS 7273
MS9968-XXX	AS568-XXX V75	V75	AMS 7276 (replaces AMS 7280)
MS9970-XXX	AS568-XXX V90	V90	AMS 7259
AN123951-AN124050	Call for unique sizes part no.	N434	AMS 7270 (superseded by AS3569)
AS17413-XXX	AS568-XXX V75	V75	AMS-R-83248 or MIL-R-83248 (replaced by M83248/1)
MS17413-XXX	AS568-XXX V75	V75	AMS-R-83248 or MIL-R-83248 (replaced by M83248/1)
M25988/1-XXX	AS568-XXX F70	F70	MIL-DTL-25988 or AMS-R-25988 or MIL-R-25988
M25988/2-XXX	AS568-XXX F75	F75	MIL-DTL-25988 or AMS-R-25988 or MIL-R-25988
M25988/3-XXX	AS568-XXX F60	F60	MIL-DTL-25988 or AMS-R-25988 or MIL-R-25988
M25988/4-XXX	AS568-XXX F80	F80	MIL-DTL-25988 or AMS-R-25988 or MIL-R-25988
MS26577	Call for unique sizes part no.	S60	AMS 3303
MS27290	Call for unique sizes part no.	S50	AMS 3302
AS28775-XXX	AS568-XXX N432	N432	AMS-P-25732 or MIL-P-25732
MS28775-XXX	AS568-XXX N432	N432	AMS-P-25732 or MIL-P-25732
AS28778-YY	AS568-9YY N459	N459	AMS-P-5510 or MIL-P-5510
MS28778-YY	AS568-9YY N459	N459	AMS-P-5510 or MIL-P-5510
MS28784-XXX	AS568-XXX N432	N432	AMS-P-25732 or MIL-P-25732
AS29512-YY	AS568-9YY N400	N400	AMS-P-5315 or MIL-P-5315
MS29512-YY	AS568-9YY N400	N400	AMS-P-5315 or MIL-P-5315
AS29513-XXX	AS568-XXX N400	N400	AMS-P-5315 or MIL-P-5315
MS29513-XXX	AS568-XXX N400	N400	AMS-P-5315 or MIL-P-5315

# Aerospace Part Number Cross-Reference Guide

Industry Standard Part Number	Simrit/FNGP-ISC Part Number	Material	Specification
AS29561-XXX	AS568-XXX N477	N477	AMS-R-7362 or MIL-R-7362
MS29561-XXX	AS568-XXX N477	N477	AMS-R-7362 or MIL-R-7362
AS43003-9YY	AS568-9YY V75	V75	DTD5613 Grade 80
AS43013-XXX	AS568-XXX V75	V75	DTD5613 Grade 80
M83248/1-XXX	AS568-XXX V75	V75	AMS-R-83248 or MIL-R-83248
M83248/2-XXX	AS568-XXX V90	V90	AMS-R-83248 or MIL-R-83248
M83285/1-XXX	AS568-XXX E480	E480	AMS-R-83285 or MIL-R-83285
AMS-P-83461/1-XXX	AS568-XXX N456	N456	AMS-P-83461 or MIL-P-83461
M83461/1-XXX	AS568-XXX N456	N456	AMS-P-83461 or MIL-P-83461
AMS-P-83461/2-YY	AS568-9YY N456	N456	AMS-P-83461 or MIL-P-83461
M83461/2-YY	AS568-9YY N456	N456	AMS-P-83461 or MIL-P-83461
M83485-XXX	AS568-XXX V115	V115	AMS-R-83485 or MIL-R-83485
MS90064	Call for unique sizes part no.	S50	AMS 3302

**Note:** Specifications shown do not indicate current revision status; order is always to current revision

# Aerospace Material Compound Reference

Compound	Material Type	Hardness	Color	Specification
E454	EPDM	80	Black	NAS 1613 Revision 5; NF L 17-241 41B8
E458	EPDM	80	Black	NAS 1613 Revision 2
E480	EPDM	80	Black	AMS-R-83285 Grade 80; MIL-G-22050 Grade 2
F273	FVMQ	75	Blue	AMS 7273
N400	NBR	70	Black	AMS-P-5315
N432	NBR	75	Black	AMS-P-25732
N434	NBR	70	Black	AMS 7270
N456	NBR	75	Black	AMS-P-83461
N459	NBR	90	Black	AMS-P-5510
N466	NBR	65	Black	AMS 7271
N469	NBR	60	Black	AMS-R-6855 Class 1 Grade 60
N477	NBR	70	Black	AMS-R-7362
N479	NBR	60	Black	AMS-R-6855 Class 2 Grade 60
S40	Silicone	40	Red	AMS 3301; A-A-59588 (ZZ-R-765) Class 2A 2B Grade 40

# Aerospace Material Compound Reference

Compound	Material Type	Hardness	Color	Specification
S50	Silicone	50	Red	AMS 3302; A-A-59588 (ZZ-R-765) Class 2A 2B Grade 50
S60	Silicone	60	Red	AMS 3303; A-A-59588 (ZZ-R-765) Class 2A 2B Grade 60
S70	Silicone	70	Red	AMS 3304; A-A-59588 (ZZ-R-765) Class 2A 2B Grade 70; AMS 3357; NF EN 2261, L17-250-4 50 D7
S80	Silicone	80	Red	AMS 3305; A-A-59588 (ZZ-R-765) Class 2A 2B Grade 80; NF L 17-250-5 50D8
S309	Silicone	50	Red	A-A-59588 (ZZ-R-765) Class 3B Grade 50
S312	Silicone	40	Red	A-A-59588 (ZZ-R-765) Class 1A 1B Grade 40
S313	Silicone	70	Red	A-A-59588 (ZZ-R-765) Class 1A 1B Grade 70
S314	Silicone	50	Red	AMS 3335; A-A-59588 (ZZ-R-765) Class 1A 1B Grade 50
S315	Silicone	75	Red	AMS 7267
S318	Silicone	70	Red	A-A-59588 (ZZ-R-765) Class 3B Grade 70
S333	Silicone	60	Red	A-A-59588 (ZZ-R-765) Class 1A 1B Grade 60
F40	Fluorosilicone	40	Blue	AMS 3328
F60	Fluorosilicone	60	Blue	MIL-DTL-25988 Type 1 Class 1 Grade 60; NF L 17-261 61D6
F70	Fluorosilicone	70	Blue	MIL-DTL-25988 Type 1 Class 1 Grade 70; NF L 17-261 61D7
F75	Fluorosilicone	75	Blue	MIL-DTL-25988 Type 1 Class 3 Grade 75
F80	Fluorosilicone	80	Blue	MIL-DTL-25988 Type 1 Class 1 Grade 80; NFL 17-161 61D8; NF L 17-261 61D8
F215	Fluorosilicone	75	Blue	AMS 3327
F229	Fluorosilicone	80	Red	AMS 3383
V75	FKM	75	Black	AMS 3216; AMS 7276; MIL-R-83248 Type 1 Class 1; NF L 17-164 Grade 64C8; SBAC DTD5613 Grade 80
V90	FKM	90	Black	AMS 7259; MIL-R-83248 Type 1 Class 2; NF L 17-260 60C9
V115	FKM	75	Black	AMS-R-83485
V127	FKM	75	Black	AMS 7379
V175	FKM	75	Black	AMS 7255
V195	FKM	75	Brown	AMS 7276; MIL-R-83248 Type 1 Class 1
SZ498	Simriz® FFKM	75	Black	AMS 7257 (Low Compression Set)
Z7257	Simriz® FFKM	75	Black	AMS 7257
VG708	Perfluoroether	70	Green	AMS 7254

For further information please call our customer service center in Santa Ana, California, at (714) 834-0602.

**Simrit Americas**

Plymouth, Michigan, USA

Tel: +1 (866) 274 6748

Fax: +1 (734) 354 5500

**Simrit Europe**

Weinheim, Germany

Tel: +49 (0) 18 05 – 746748

Fax: +49 (0) 18 03 – 746748

**Simrit China**

Shanghai, China

Tel: +86 (21) 50 36 69 00

Fax: +86 (21) 50 36 63 07

[www.simrit.com](http://www.simrit.com)

