

JABAR[®]

SOLUTIONS IN
SEALING & DAMPING





Sealing & Damping Products

- Silicone and Fluorosilicone Rubber (Molded/Extruded)
- Silicone Sponge (Molded/Extruded)
- Aerospace, FDA, Automotive and Commercial Grades
- In-house Testing Laboratory
- Specialty Elastomers
- Custom Compounding
- Applications Engineering

Nolato’s non-conductive solid silicone and sponge silicone products are available in a wide variety of specifications and standards which are applicable to both commercial and non-commercial end-use applications, especially where temperature range and resistance to solvents and fuels is critical.

These solid and sponge silicone compounds, and their products, are manufactured in the USA to MIL, AMS, ASTM as well as other federal and commercial specifications.

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Series 1110

Solid Sheets

DESCRIPTION

Solid silicone rubber sheets are manufactured to ZZ-R-765, AA-59588, applicable MIL, AMS and SAE standards. Commercial grades are available in durometers from 10 to 80.

- Weathering resistance—resists sunlight, ozone, and gases
- Good fungus resistance
- Resistance to water—silicone resists the deteriorating effects of agents found in rainwater and surface water



AVAILABLE COMBINATIONS

Specifications
AMS 3301, AMS 3302, AMS 3303, AMS 3304, AMS 3315, AMS 3320, AMS 3325, ASTM D 2000, MIL-R-25988, ZZ-R-765/A-A-59588
Hardness Range Shore A
10 Durometer to 80 Durometer
Available Colors
Red/Orange, Grey, Translucent, White, Black, Blue, Brown
Available PSA Types
Acrylic, Silicone

TOLERANCES FOR SOLID SILICONE SHEETS *

Thickness (in.)	Tolerances (in.)
Under .031	± .010
.031 to .059	± .012
.060 to .124	± .016
.125 to .186	± .020
.187 to .374	± .031
.375 to .561	± .047
.562 to .749	± .063
.750 to .999	± .093
1.00 and over	± 10%

* For tolerances not shown in this chart please contact sales for assistance.

STANDARD SOLID SHEET SIZES

Dash No.	Thickness (in.)	Sheet Size (in.)	Dash No.	Thickness (in.)	Sheet Size (in.)	Dash No.	Thickness (in.)	Sheet Size (in.)
0101	.015	12 x 12	0122	.015	24 x 24	0143	.015	36 x 36
0102	.031	12 x 12	0123	.031	24 x 24	0144	.031	36 x 36
0103	.047	12 x 12	0124	.047	24 x 24	0145	.047	36 x 36
0104	.062	12 x 12	0125	.062	24 x 24	0146	.062	36 x 36
0105	.078	12 x 12	0126	.078	24 x 24	0147	.078	36 x 36
0106	.093	12 x 12	0127	.093	24 x 24	0148	.093	36 x 36
0107	.125	12 x 12	0128	.125	24 x 24	0149	.125	36 x 36
0108	.156	12 x 12	0129	.156	24 x 24	0150	.156	36 x 36
0109	.188	12 x 12	0130	.188	24 x 24	0151	.188	36 x 36
0110	.218	12 x 12	0131	.218	24 x 24	0152	.218	36 x 36
0111	.250	12 x 12	0132	.250	24 x 24	0153	.250	36 x 36
0112	.281	12 x 12	0133	.281	24 x 24	0154	.281	36 x 36
0113	.312	12 x 12	0134	.312	24 x 24	0155	.312	36 x 36
0114	.375	12 x 12	0135	.375	24 x 24	0156	.375	36 x 36
0115	.437	12 x 12	0136	.437	24 x 24	0157	.437	36 x 36
0116	.500	12 x 12	0137	.500	24 x 24	0158	.500	36 x 36
0117	.625	12 x 12	0138	.625	24 x 24	0159	.625	36 x 36
0118	.750	12 x 12	0139	.750	24 x 24	0160	.750	36 x 36
0119	1.00	12 x 12	0140	1.00	24 x 24	0161	1.00	36 x 36
0120	1.25	12 x 12	0141	1.25	24 x 24	0162	1.25	36 x 36
0121	1.50	12 x 12	0142	1.50	24 x 24	0163	1.50	36 x 36

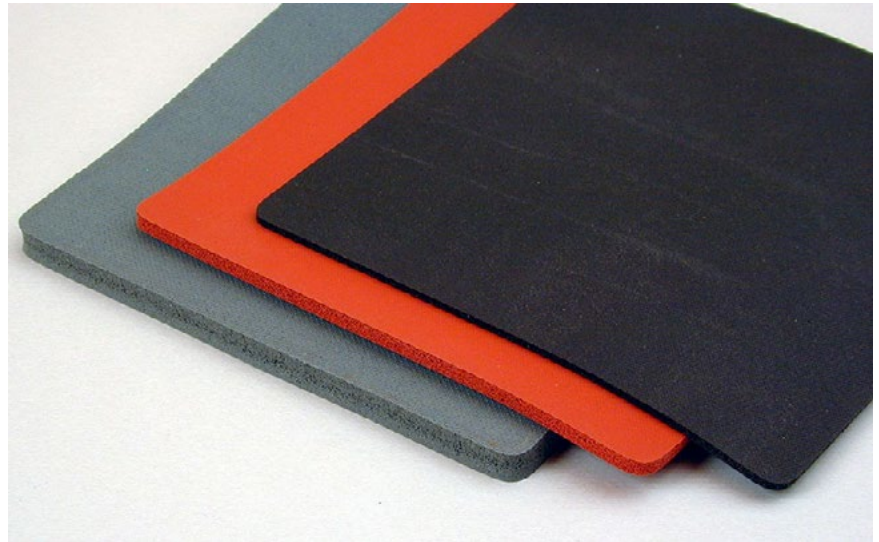
Series 1120

Sponge Sheets

DESCRIPTION

This closed cell sheet is manufactured to AMS and MIL specification. Density can be selected to meet specific requirements for low-closure load seals. 36 in. x 36 in. and 24 in. x 24 in. sheets in .062 in. through .625 in. thickness is standard in red. Other colors are available upon request.

- High temperature capability—standard for silicone
- Easy compressibility for applications requiring a lower closure sealing force
- Silicone sponge is closed cell, minimizing water absorption



AVAILABLE COMBINATIONS

Specifications
AMS 3195, AMS 3196, ASTM D 1056, SAE 3195
Density Range
Soft, Medium, Firm
Available Colors
Red/Orange, Grey, Black, White
Available PSA Types
Acrylic, Silicone

TOLERANCES FOR SPONGE SILICONE SHEETS *

Thickness (in.)	Tolerances (in.)
0 to .125	+ .032 / - .016
.126 to .250	± .032
.251 to .500	± .040
.501 to 1.00	± 10%
1.01 to 4.00	± 10%
4.01 & over	± 10%

* For tolerances not shown in this chart please contact sales for assistance.

STANDARD SPONGE SHEET SIZES

Dash No.	Thickness (in.)	Sheet Size (in.)	Dash No.	Thickness (in.)	Sheet Size (in.)	Dash No.	Thickness (in.)	Sheet Size (in.)
0101	.031	12 x 12	0122	.031	24 x 24	0143	.031	36 x 36
0102	.062	12 x 12	0123	.062	24 x 24	0144	.062	36 x 36
0103	.093	12 x 12	0124	.093	24 x 24	0145	.093	36 x 36
0104	.125	12 x 12	0125	.125	24 x 24	0146	.125	36 x 36
0105	.156	12 x 12	0126	.156	24 x 24	0147	.156	36 x 36
0106	.188	12 x 12	0127	.188	24 x 24	0148	.188	36 x 36
0107	.218	12 x 12	0128	.218	24 x 24	0149	.218	36 x 36
0108	.250	12 x 12	0129	.250	24 x 24	0150	.250	36 x 36
0109	.312	12 x 12	0130	.312	24 x 24	0151	.312	36 x 36
0110	.375	12 x 12	0131	.375	24 x 24	0152	.375	36 x 36
0111	.437	12 x 12	0132	.437	24 x 24	0153	.437	36 x 36
0112	.500	12 x 12	0133	.500	24 x 24	0154	.500	36 x 36
0113	.562	12 x 12	0134	.562	24 x 24	0155	.562	36 x 36
0114	.625	12 x 12	0135	.625	24 x 24	0156	.625	36 x 36
0115	.750	12 x 12	0136	.750	24 x 24	0157	.750	36 x 36
0116	.875	12 x 12	0137	.875	24 x 24	0158	.875	36 x 36
0117	1.00	12 x 12	0138	1.00	24 x 24	0159	1.00	36 x 36
0118	1.25	12 x 12	0139	1.25	24 x 24	0160	1.25	36 x 36
0119	1.50	12 x 12	0140	1.50	24 x 24	0161	1.50	36 x 36
0120	1.75	12 x 12	0141	1.75	24 x 24	0162	1.75	36 x 36
0121	2.00	12 x 12	0142	2.00	24 x 24	0163	2.00	36 x 36

Series 1115

Solid Continuous Sheeting

DESCRIPTION

Continuous roll form allows for less waste / more yield when cutting parts.

- Weathering resistance—resists sunlight, ozone, and gases
- Good fungus resistance
- Resistance to water—silicone resists the deteriorating effects of agents found in rainwater and surface water



AVAILABLE COMBINATIONS

Specifications
AMS 3301, AMS 3302, AMS 3303, AMS 3304, AMS 3315 AMS 3320, AMS 3325, ASTM D 2000, MIL-R-25988 ZZ-R-765/A-A-59588
Hardness Range Shore A
10 Durometer to 80 Durometer
Available Colors
Red/Orange, Grey, Translucent, White, Black, Blue, Brown
Available PSA Types
Acrylic, Silicone

TOLERANCES FOR SOLID SILICONE SHEETS *

Thickness (in.)	Tolerances (in.)
Under .031	± .010
.031 to .059	± .012
.060 to .124	± .016
.125 to .186	± .020
.187 to .374	± .031
.375 to .561	± .047
.562 to .749	± .063
.750 to .999	± .093
1.00 and over	± 10%

* For tolerances not shown in this chart please contact sales for assistance.

CONTINUOUS SOLID SHEETING SIZES

Dash No.	Thickness (in.)	Width (in.)
0101	.010	18
0102	.015	18
0103	.020	18
0104	.031	18
0105	.062	18
0106	.093	18
0107	.125	18
0108	.156	18
0109	.188	18
0110	.250	18
0111	.375	18
0112	.010	24
0113	.015	24
0114	.020	24
0115	.031	24
0116	.062	24
0117	.093	24
0118	.125	24
0119	.156	24
0120	.188	24
0121	.250	24
0122	.375	24

Dash No.	Thickness (in.)	Width (in.)
0123	.010	36
0124	.015	36
0125	.020	36
0126	.031	36
0127	.062	36
0128	.093	36
0129	.125	36
0130	.156	36
0131	.188	36
0132	.250	36
0133	.375	36
0134	.010	48
0135	.015	48
0136	.020	48
0137	.031	48
0138	.062	48
0139	.093	48
0140	.125	48
0141	.156	48
0142	.188	48
0143	.250	48
0144	.375	48

Series 1125

Sponge Continuous Sheetting

DESCRIPTION

This closed cell sheet in roll form is manufactured to AMS and MIL specification. Density can be selected to meet specific requirements for low closure load seals. Continuous roll form allows for less waste / more yield when cutting parts.

Standard color is red. Other colors available upon request.

- High temperature capability—standard for silicone.
- Easy compressibility for applications requiring a lower closure sealing force
- Silicone sponge is closed cell, minimizing water absorption



AVAILABLE COMBINATIONS

Specifications
AMS 3195, AMS 3196, ASTM D 1056, SAE 3195
Density Range
Soft, Medium, Firm
Available Colors
Red/Orange, Grey, Black, White
Available PSA Types
Acrylic, Silicone

TOLERANCES FOR SPONGE SILICONE CONTINUOUS SHEETS *

Thickness (in.)	Tolerances (in.)
0 to .125	+ .032 / - .016
.126 to .250	± .032
.251 to .500	± .040
.501 to 1.00	± 10%
1.01 to 4.00	± 10%
4.01 & over	± 10%

* For tolerances not shown in this chart please contact sales for assistance.

CONTINUOUS SPONGE SHEETING SIZES

Dash No.	Thickness (in.)	Width (in.)
0101	.031	18
0102	.062	18
0103	.093	18
0104	.125	18
0105	.156	18
0106	.188	18
0107	.218	18
0108	.250	18
0109	.312	18
0110	.375	18
0111	.500	18
0112	.031	24
0113	.062	24
0114	.093	24
0115	.125	24
0116	.156	24
0117	.188	24

Dash No.	Thickness (in.)	Width (in.)
0118	.218	24
0119	.250	24
0120	.312	24
0121	.375	24
0122	.500	24
0123	.031	36
0124	.062	36
0125	.093	36
0126	.125	36
0127	.156	36
0128	.188	36
0129	.218	36
0130	.250	36
0131	.312	36
0132	.375	36
0133	.500	36

SILICONE SPONGE AMS SPECIFICATIONS

Properties	3194	3195	3196
Compression Deflection (psi @ 75% original thickness)	12-20	6-14	12-20
Maximum Density (lbs./cu.in.)	.030	.020	.030
Compression set (% original deflection, max.)	60%	60%	60%
Low Temperature Brittle Point (°F)	-130	-130	-100



Series 1130

Fluorosilicone Sheets

DESCRIPTION

Fluorosilicone sheets are available to MIL-R-25988 as well as other fluid resistant specifications. The material has better fuel and oil resistance than other silicone elastomers but maintains silicone's high temperature advantage.

In applications where contact with jet fuel, solvents, gasoline, or crude oil is required, this elastomer is serviceable over a temperature range of -60°C to 177°C (-76 to 350°F). In dry heat, the serviceable temperature range is extended up to 232°C (450°F).

TYPICAL INDUSTRIES UTILIZING FLUROSILICONE RUBBER

- Aircraft, military and commercial aviation
- Petrochemical and oil refining industries
- Electronics



AVAILABLE COMBINATIONS

Specifications
MIL-R-25988, AMS 3325, AMS 3326, SAE 29588, ASTM D 2000 FE
Hardness Range Shore A
30 Durometer to 80 Durometer
Available Colors
Blue, Red, Grey, Black
Available PSA Types
Acrylic, Silicone

TOLERANCES FOR SPONGE SILICONE SHEETS *

Thickness (in.)	Tolerances (in.)
Under .031	± .010
.031 to .059	± .012
.060 to .124	± .016
.125 to .186	± .020
.187 to .374	± .031
.375 to .561	± .047
.562 to .749	± .063
.750 to .999	± .093
1.00 and over	± 10%

* For tolerances not shown in this chart please contact sales for assistance.

FLUROSILICONE SHEET SIZES

Dash No.	Thickness (in.)	Sheet Size (in.)	Dash No.	Thickness (in.)	Sheet Size (in.)	Dash No.	Thickness (in.)	Sheet Size (in.)
0101	.015	12 x 12	0122	.015	24 x 24	0143	.015	36 x 36
0102	.031	12 x 12	0123	.031	24 x 24	0144	.031	36 x 36
0103	.047	12 x 12	0124	.047	24 x 24	0145	.047	36 x 36
0104	.062	12 x 12	0125	.062	24 x 24	0146	.062	36 x 36
0105	.078	12 x 12	0126	.078	24 x 24	0147	.078	36 x 36
0106	.093	12 x 12	0127	.062	24 x 24	0148	.093	36 x 36
0107	.125	12 x 12	0128	.125	24 x 24	0149	.125	36 x 36
0108	.156	12 x 12	0129	.156	24 x 24	0150	.156	36 x 36
0109	.188	12 x 12	0130	.188	24 x 24	0151	.188	36 x 36
0110	.218	12 x 12	0131	.218	24 x 24	0152	.218	36 x 36
0111	.250	12 x 12	0132	.250	24 x 24	0153	.250	36 x 36
0112	.281	12 x 12	0133	.281	24 x 24	0154	.281	36 x 36
0113	.312	12 x 12	0134	.312	24 x 24	0155	.312	36 x 36
0114	.375	12 x 12	0135	.375	24 x 24	0156	.375	36 x 36
0115	.437	12 x 12	0136	.437	24 x 24	0157	.437	36 x 36
0116	.500	12 x 12	0137	.500	24 x 24	0158	.500	36 x 36
0117	.625	12 x 12	0138	.625	24 x 24	0159	.625	36 x 36
0118	.750	12 x 12	0139	.750	24 x 24	0160	.750	36 x 36
0119	1.00	12 x 12	0140	1.00	24 x 24	0161	1.00	36 x 36
0120	1.25	12 x 12	0141	1.25	24 x 24			
0121	1.50	12 x 12	0142	1.50	24 x 24			

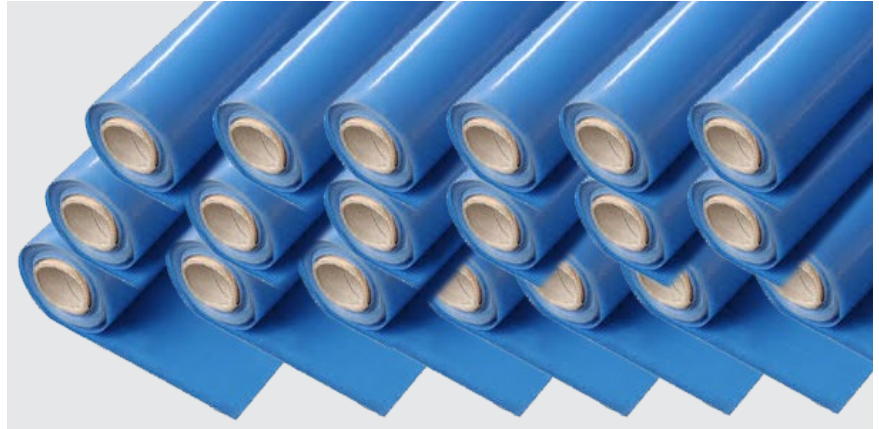


Series 1140

Fluorosilicone Continuous Sheeting

DESCRIPTION

Our fluorosilicone is available in continuous roll form which allows for less waste / more yield when cutting parts.



FLUROSILICONE CONTINUOUS SHEETING SIZES

Dash No.	Thickness (in.)	Sheet Size (in.)
0101	.016	18
0102	.031	18
0103	.047	18
0104	.062	18
0105	.093	18
0106	.125	18
0107	.125	18
0108	.188	18
0109	.250	18
0110	.375	18
0111	.016	24
0112	.031	24
0113	.047	24
0114	.062	24
0115	.093	24
0116	.125	24
0117	.125	24
0118	.188	24
0119	.250	24
0120	.375	24
0121	.016	36
0122	.031	36
0123	.047	36
0124	.062	36
0125	.093	36
0126	.125	36
0127	.125	36
0128	.188	36
0129	.250	36
0130	.375	36

TYPICAL RESISTANCE VALUES (INQUIRE ABOUT VALUES FOR OTHER FLUIDS)

Immersion Medium	Immersion Conditions	Hardness Change, Points	Tensile Strength Change, %	Elongation Change, %	Volume Change, %
ASTM # 1 oil	3 Days/302°F	-5	0	-5	0
ASTM Ref. Fuel B	3 Days/302°F	-20	-60	-35	+30
SAE 10w-30w Motor Oil	30 Days/350°F	-9	-76	-80	+3
Gasoline, Regular/ Low Lead	24 Hrs/77°F	-12	-39	-30	+21
Jet Fuel JP - 4	3 Days/350°F	-25	-65	-20	+25
Turbo Oil # 35	3 Days/302°F	-10	-30	+25	+10
Mineral Spirits	30 Days/75°F	0	0	0	0
Trichloroethylene	5 Days/120°F	-10	0	0	+20
Hydraulic Fluid, Type A	3 Days/302°F	-5	-10	-5	+5

Series 1210

Solid Extrusions

DESCRIPTION

Nolato Jabar's silicone rubber extrusions are manufactured to MIL, AMS, and ASTM, as well as federal or commercial specifications. Standard dies are available for a wide range of shapes and sizes.

TYPICAL APPLICATIONS

Gasket or sealing applications requiring high- and low-temperature advantage.

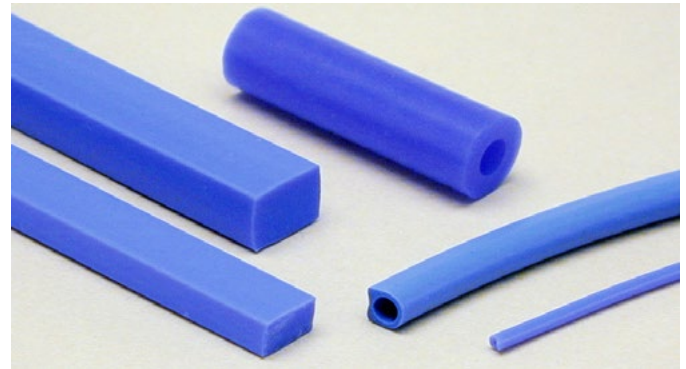
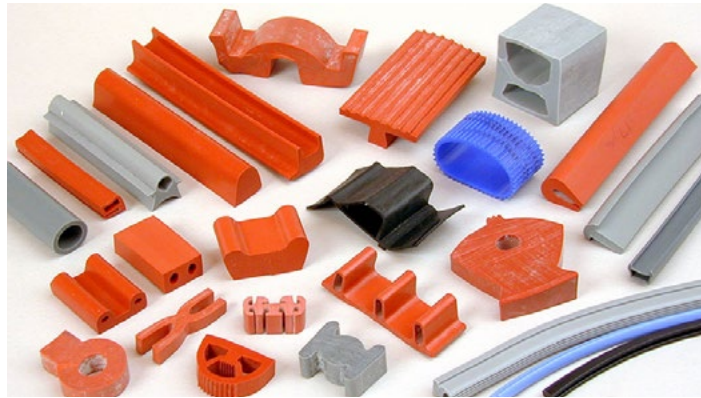
- Food packaging and sealing equipment machinery
- Aircraft & military equipment
- Architectural window glazing
- Commercial and laboratory oven seals

Please refer to Page 4 for material specifications.

FLUROSILICONE EXTRUSIONS

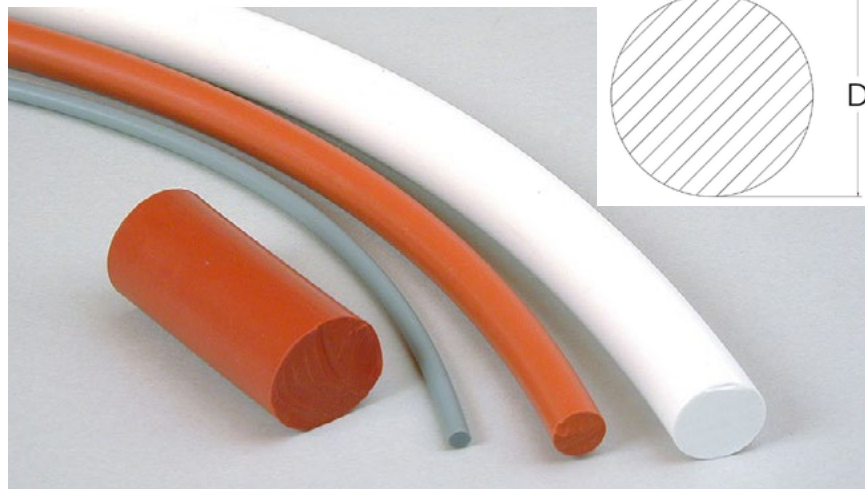
Solid extrusions are also available in fluorosilicone which has better fuel and oil resistance than other elastomers.

Please refer to Page 8 for material specifications.



Series 1211

Solid Cord



SOLID CORD SIZES

Dash No.	D (in.)	Dash No.	D (in.)	Dash No.	D (in.)
0101	.031	0113	.375	0126	1.00
0102	.047	0114	.437	0127	1.125
0103	.062	0115	.500	0128	1.25
0104	.078	0116	.531	0129	1.375
0105	.093	0117	.625	0130	1.50
0106	.125	0118	.637	0131	1.625
0107	.156	0119	.718	0132	1.75
0108	.188	0120	.750	0133	2.00
0109	.210	0121	.781	0134	2.125
0110	.250	0122	.812	0135	2.25
0111	.281	0124	.875	0136	2.375
0112	.312	0125	.937	0137	2.50



Series 1212

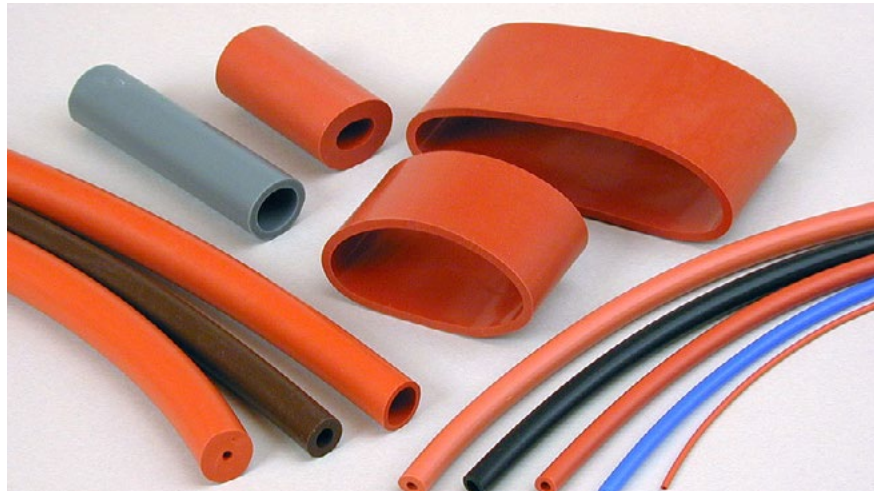
Solid Tubing

DESCRIPTION

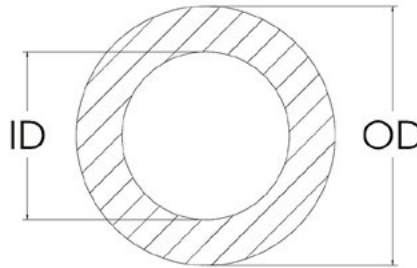
Nolato Jabar's solid silicone rubber tubing is manufactured to MIL, AMS, ASTM, as well as federal or commercial specifications. Standard dies are available for a wide range of shapes and sizes.

Gasket or sealing applications requiring high- and low-temperature advantage.

- Food packaging and sealing equipment machinery
- Aircraft & military equipment
- Architectural window glazing
- Commercial and laboratory oven seals



Please refer to Page 4 for material specifications.



SOLID TUBING SIZES

Dash No.	ID (in.)	OD (in.)
0101	.031	.093
0102	.031	.125
0103	.031	.156
0104	.031	.188
0105	.031	.250
0106	.062	.125
0107	.062	.156
0108	.062	.188
0109	.062	.250
0110	.093	.156
0111	.093	.188
0112	.093	.250
0113	.093	.312
0114	.125	.156
0115	.125	.188

Dash No.	ID (in.)	OD (in.)
0116	.125	.250
0117	.125	.312
0118	.125	.375
0119	.188	.219
0120	.188	.250
0121	.188	.312
0122	.188	.375
0123	.188	.437
0124	.188	.500
0125	.250	.281
0126	.250	.312
0127	.250	.375
0128	.250	.437
0129	.250	.500
0131	.312	.375

Dash No.	ID (in.)	OD (in.)
0132	.312	.437
0133	.312	.500
0134	.375	.437
0135	.375	.500
0136	.375	.625
0137	.375	.750
0138	.375	.875
0139	.437	.500
0140	.437	.625
0141	.437	.750
0142	.437	.875
0143	.437	1.00
0144	.500	.625
0145	.500	.750
0146	.500	.875

Dash No.	ID (in.)	OD (in.)
0147	.500	1.00
0148	.625	.750
0149	.625	.875
0150	.625	1.00
0151	.750	1.00
0152	.750	1.50
0153	.875	1.00
0154	.875	1.25
0155	.875	1.50
0156	1.00	1.25
0157	1.00	1.50
0158	1.00	1.75
0159	1.00	2.00

Series 1213

Solid Rectangular

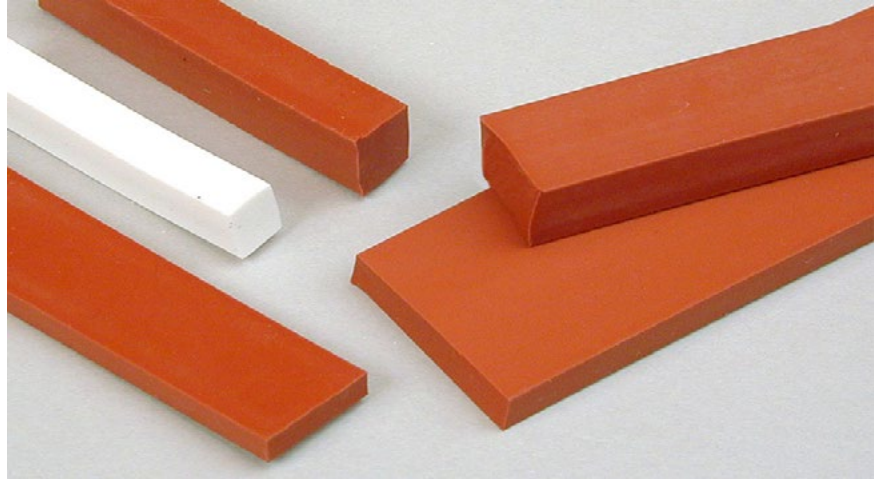
DESCRIPTION

Nolato Jabar's solid silicone rubber extrusions are manufactured to MIL, AMS, ASTM, as well as federal or commercial specifications. Standard dies are available for a wide range of shapes and sizes.

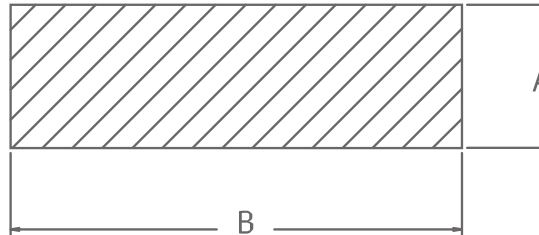
TYPICAL APPLICATIONS

Gasket or sealing applications requiring high- and low-temperature advantage.

- Food packaging and sealing equipment machinery
- Aircraft & military equipment
- Architectural window glazing
- Commercial and laboratory oven seals



Please refer to Page 4 for material specifications.



SOLID RECTANGULAR SIZES

Dash No.	A (in.)	B (in.)
0101	.062	.093
0102	.062	.125
0103	.062	.188
0104	.062	.250
0105	.062	.312
0106	.062	.375
0107	.062	.437
0108	.062	.500
0109	.062	.625
0110	.062	.687
0111	.062	.750
0112	.062	.812
0113	.062	.875
0114	.062	.937
0115	.062	1.00
0116	.062	1.125

Dash No.	A (in.)	B (in.)
0117	.062	1.188
0118	.062	1.25
0119	.062	1.375
0120	.062	1.50
0121	.062	1.75
0122	.062	2.00
0123	.062	2.50
0124	.062	3.00
0125	.062	3.50
0126	.062	4.00
0127	.062	5.00
0128	.062	6.00
0129	.093	.093
0130	.093	.125
0131	.093	.188
0132	.093	.250

Dash No.	A (in.)	B (in.)
0133	.093	.312
0134	.093	.375
0135	.093	.437
0136	.093	.500
0137	.093	.625
0138	.093	.687
0139	.093	.750
0140	.093	.812
0141	.093	.875
0142	.093	.937
0143	.093	1.00
0144	.093	1.125
0145	.093	1.188
0146	.093	1.250
0147	.093	1.375
0148	.093	1.50

Dash No.	A (in.)	B (in.)
0149	.093	1.75
0150	.093	2.00
0151	.093	2.50
0152	.093	3.00
0153	.093	3.50
0154	.093	4.00
0155	.093	5.00
0156	.093	6.00
0157	.125	.125
0158	.125	.188
0159	.125	.250
0160	.125	.312
0161	.125	.375
0162	.125	.437
0163	.125	.500
0164	.125	.625

SOLID RECTANGULAR SIZES

Dash No.	A (in.)	B (in.)
0165	.125	.687
0166	.125	.750
0167	.125	.812
0168	.125	.875
0169	.125	.937
0170	.125	1.00
0171	.125	1.125
0172	.125	1.188
0173	.125	1.25
0174	.125	1.375
0175	.125	1.50
0176	.125	1.75
0177	.125	2.00
0178	.125	2.50
0179	.125	3.00
0180	.125	3.50
0181	.125	4.00
0182	.125	5.00
0183	.125	6.00
0184	.188	.188
0185	.188	.250
0186	.188	.312
0187	.188	.375
0188	.188	.437
0189	.188	.500
0190	.188	.625
0191	.188	.687
0192	.188	.750
0193	.188	.812
0194	.188	.875
0195	.188	.937
0196	.188	1.00
0197	.188	1.125
0198	.188	1.188
0199	.188	1.25
0200	.188	1.375
0201	.188	1.50
0202	.188	1.75
0203	.188	2.00
0204	.188	2.50
0205	.188	3.00
0206	.188	3.50

Dash No.	A (in.)	B (in.)
0207	.188	4.00
0208	.188	5.00
0209	.188	6.00
0210	.250	.250
0211	.250	.312
0212	.250	.375
0213	.250	.437
0214	.250	.500
0215	.250	.625
0216	.250	.687
0217	.250	.750
0218	.250	.812
0219	.250	.875
0220	.250	.937
0221	.250	1.00
0222	.250	1.125
0223	.250	1.188
0224	.250	1.25
0225	.250	1.375
0226	.250	1.50
0227	.250	1.75
0228	.250	2.00
0229	.250	2.50
0230	.250	3.00
0231	.250	3.50
0232	.250	4.00
0233	.312	.312
0234	.312	.375
0235	.312	.437
0236	.312	.500
0237	.312	.625
0238	.312	.687
0239	.312	.750
0240	.312	.812
0241	.312	.875
0242	.312	.937
0243	.312	1.00
0244	.312	1.125
0245	.312	1.188
0246	.312	1.25
0247	.312	1.375
0248	.312	1.50

Dash No.	A (in.)	B (in.)
0249	.312	1.75
0250	.312	2.00
0251	.312	2.50
0252	.312	3.00
0253	.375	.375
0254	.375	.437
0255	.375	.500
0256	.375	.625
0257	.375	.687
0258	.375	.750
0259	.375	.812
0260	.375	.875
0261	.375	.937
0262	.375	1.00
0263	.375	1.125
0264	.375	1.188
0265	.375	1.25
0266	.375	1.375
0267	.375	1.50
0268	.375	1.75
0269	.375	2.00
0270	.375	2.50
0271	.375	3.00
0272	.437	.437
0273	.437	.500
0274	.437	.625
0275	.437	.687
0276	.437	.750
0277	.437	.812
0278	.437	.875
0279	.437	.937
0280	.437	1.00
0281	.437	1.125
0282	.437	1.188
0283	.437	1.25
0284	.437	1.375
0285	.437	1.50
0286	.437	1.75
0287	.437	2.00
0288	.437	2.50
0289	.437	3.00
0290	.500	.500

Dash No.	A (in.)	B (in.)
0291	.500	.625
0292	.500	.687
0293	.500	.750
0294	.500	.812
0295	.500	.875
0296	.500	.937
0297	.500	1.00
0298	.500	1.125
0299	.500	1.375
0300	.500	1.50
0301	.500	1.625
0302	.500	1.75
0303	.500	2.00
0304	.625	.625
0305	.625	.687
0306	.625	.750
0307	.625	.812
0308	.625	.875
0309	.625	.937
0310	.625	1.00
0311	.625	1.125
0312	.625	1.188
0313	.625	1.25
0314	.625	1.375
0315	.625	1.50
0316	.625	1.75
0317	.625	2.00
0318	.750	.750
0319	.750	.812
0320	.750	.875
0321	.750	.937
0322	.750	1.00
0323	.750	1.125
0324	.750	1.188
0325	.750	1.25
0326	.750	1.375
0327	.750	1.50
0328	1.00	1.00
0329	1.00	1.125
0330	1.00	1.188
0331	1.00	1.25
0332	1.00	1.375
0333	1.00	1.50

Series 1214

Solid "D" Profile

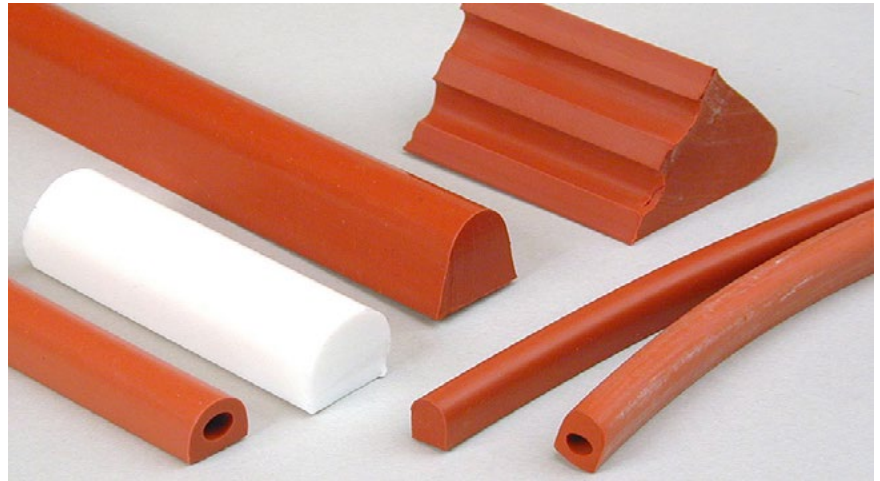
DESCRIPTION

Nolato Jabar's solid silicone rubber extrusions are manufactured to MIL, AMS, ASTM, as well as federal or commercial specifications. Standard dies are available for a wide range of shapes and sizes.

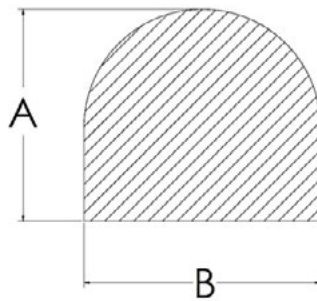
TYPICAL APPLICATIONS

Gasket or sealing applications requiring high- and low-temperature advantage.

- Food packaging and sealing equipment machinery
- Aircraft & military equipment
- Architectural window glazing
- Commercial and laboratory oven seals



Please refer to Page 4 for material specifications.



"D" PROFILE SIZES

Dash No.	A (in.)	B (in.)
0101	.093	.093
0102	.125	.093
0103	.188	.093
0104	.250	.093
0105	.125	.125
0106	.188	.125
0107	.250	.125
0108	.312	.125
0109	.375	.125
0110	.156	.156
0111	.250	.156
0112	.312	.156
0113	.375	.156
0114	.437	.156
0115	.188	.188

Dash No.	A (in.)	B (in.)
0116	.250	.188
0117	.312	.188
0118	.375	.188
0119	.437	.188
0120	.500	.188
0121	.250	.250
0122	.312	.250
0123	.375	.250
0124	.437	.250
0125	.500	.250
0126	.625	.250
0127	.312	.312
0128	.375	.312
0129	.427	.312
0130	.500	.312

Dash No.	A (in.)	B (in.)
0131	.625	.312
0132	.750	.312
0133	.375	.375
0134	.437	.375
0135	.500	.375
0136	.625	.375
0137	.750	.375
0138	.875	.375
0139	.437	.437
0140	.500	.437
0141	.625	.437
0142	.750	.437
0143	.875	.437
0144	1.00	.437
0145	.500	.500

Dash No.	A (in.)	B (in.)
0146	.625	.500
0147	.750	.500
0148	.875	.500
0149	1.00	.500
0150	.625	.625
0151	.750	.625
0152	.875	.625
0153	1.00	.625
0154	.750	.750
0155	.875	.750
0156	1.00	.750
0157	.875	.875
0158	1.00	.875
0159	1.00	1.00

Series 1215

Solid "P" Profile

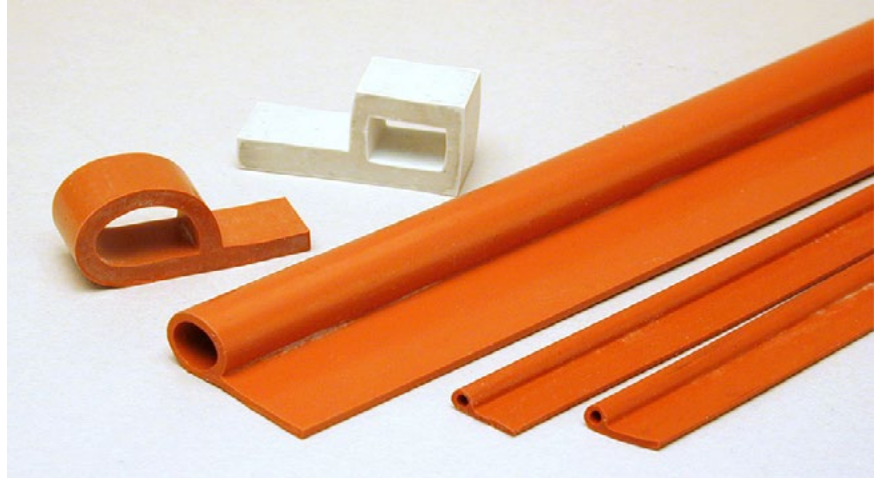
DESCRIPTION

Nolato Jabar's silicone rubber extrusions are manufactured to MIL, AMS, ASTM, as well as federal or commercial specifications. Standard dies are available for a wide range of shapes and sizes.

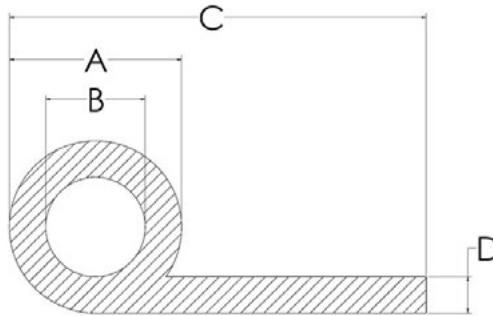
TYPICAL APPLICATIONS

Gasket or sealing applications requiring high- and low-temperature advantage.

- Food packaging and sealing equipment machinery
- Aircraft & military equipment
- Architectural window glazing
- Commercial and laboratory oven seals



Please refer to Page 4 for material specifications.



"P" PROFILE SIZES

Dash No.	A (in.)	B (in.)	C (in.)	D (in.)
0101	.125	.062	.625	.031
0102	.188	.093	.750	.062
0103	.188	.125	1.00	.062
0104	.250	.125	.375	.062
0105	.250	.125	.500	.062
0106	.250	.125	.625	.125
0107	.250	.125	1.00	.062
0108	.250	.125	.625	.062
0109	.250	.125	1.25	.062
0110	.250	.125	2.00	.062
0111	.250	.093	.750	.062
0112	.250	.125	1.00	.062

Dash No.	A (in.)	B (in.)	C (in.)	D (in.)
0113	.250	.125	1.00	.062
0114	.250	.156	1.00	.062
0115	.312	.125	.625	.062
0116	.312	.188	1.00	.093
0117	.375	.250	.687	.062
0118	.375	.250	.750	.062
0119	.375	.188	.750	N/A
0120	.375	.312	.875	N/A
0121	.375	.250	.875	N/A
0122	.375	.281	1.00	N/A
0123	.375	.250	1.50	N/A
0124	.437	.281	1.00	N/A

Dash No.	A (in.)	B (in.)	C (in.)	D (in.)
0125	.500	.375	1.00	N/A
0126	.500	.312	1.00	N/A
0127	.500	.375	1.062	N/A
0128	.500	.250	2.00	N/A
0129	.750	.562	1.125	N/A
0130	.750	.500	1.188	N/A
0131	.875	.375	2.25	N/A
0132	1.00	.750	1.562	N/A
0133	1.00	.625	2.00	N/A
0134	1.00	.500	2.25	N/A
0135	1.00	.625	2.50	N/A
0136	1.00	.500	2.75	N/A

Series 1216

Solid "U" Profile

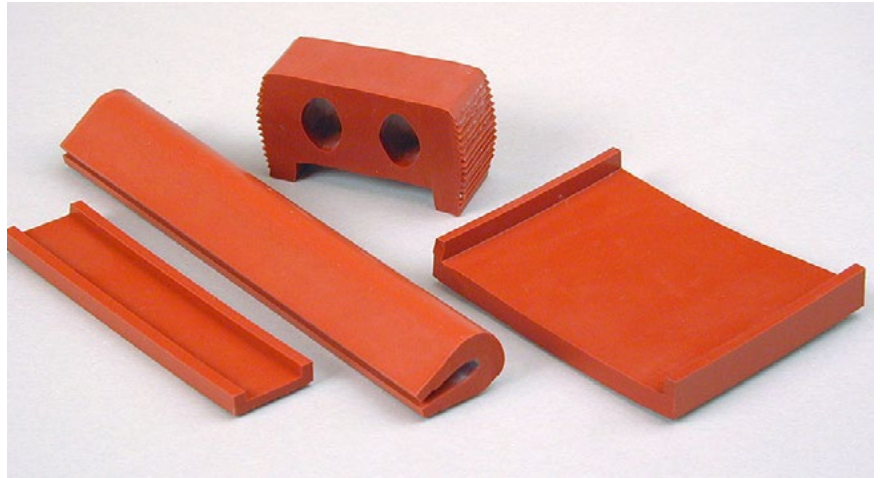
DESCRIPTION

Nolato Jabar's silicone rubber extrusions are manufactured to MIL, AMS, ASTM, as well as federal or commercial specifications. Standard dies are available for a wide range of shapes and sizes.

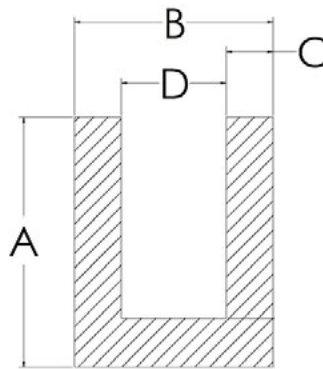
TYPICAL APPLICATIONS

Gasket or sealing applications requiring high- and low-temperature advantage.

- Food packaging and sealing equipment machinery
- Aircraft & military equipment
- Architectural window glazing
- Commercial and laboratory oven seals



Please refer to Page 4 for material specifications.



"U" PROFILE SIZES

Dash No.	A (in.)	B (in.)	C (in.)	D (in.)
0101	.188	.437	.062	.062
0102	.218	.250	.062	.093
0103	.218	.218	.062	.093
0104	.250	.156	.062	.125
0105	.250	.188	.062	.125
0106	.250	.218	.062	.125
0107	.250	.312	.062	.125

Dash No.	A (in.)	B (in.)	C (in.)	D (in.)
0108	.312	.281	.062	.187
0109	.375	.500	.125	.125
0110	.250	.312	.062	.125
0111	.312	.375	.062	.187
0112	.375	.500	.125	.062
0113	.375	.500	.125	.125
0114	.437	.250	.125	.125

Dash No.	A (in.)	B (in.)	C (in.)	D (in.)
0115	.500	1.75	.125	.125
0116	.500	2.25	.125	.125
0117	.625	.750	.125	.125
0118	1.00	1.25	.187	.125
0119	1.00	1.50	.187	.187
0120	1.00	1.75	.187	.187
0121	1.00	2.00	.187	.187

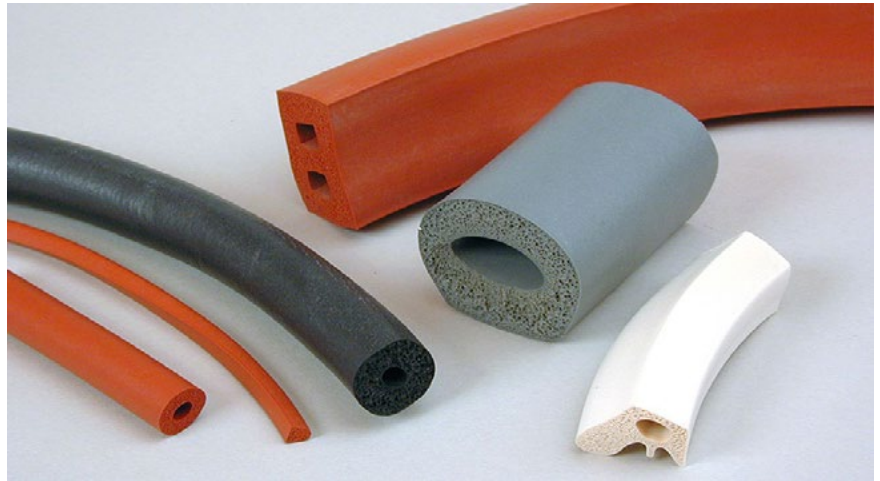
Series 1220

Sponge Extrusions

DESCRIPTION

Nolato Jabar produces extrusions of closed cell silicone sponge for use as gaskets and seals under low-closure loads in accordance with AMS and application Mil specification.

We manufacture extruded cords, square and rectangular sections as well as sponge tubing for thermal insulation applications. We also produce custom shapes and we'll develop special compounds to meet specific requirements. A large stock of sponge in most popular sizes is maintained and ready for immediate shipment.



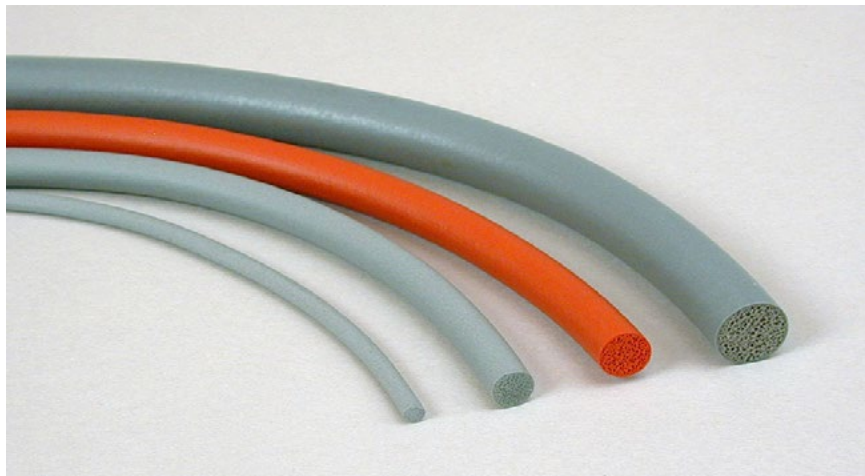
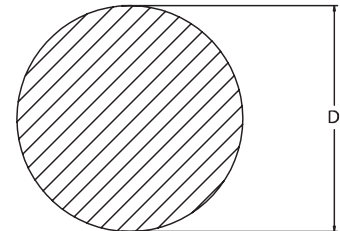
FEATURES OF SILICONE SPONGE

- High temperature capability—standard for silicone
- Easy compressibility for applications requiring a lower closure sealing force
- Silicone sponge is closed cell, minimizing water absorption
- Smooth skin all sides

Please refer to Page 5 for material specifications.

Series 1221

Sponge Cord



SPONGE CORD SIZES

Dash No.	D (in.)	Dash No.	D (in.)
0101	.062	0110	.437
0102	.093	0111	.500
0103	.125	0112	.562
0104	.156	0113	.625
0105	.188	0114	.750
0106	.218	0115	1.00
0107	.250	0116	1.25
0108	.312	0117	1.50
0109	.375	0118	2.00



Series 1222

Sponge Rectangular

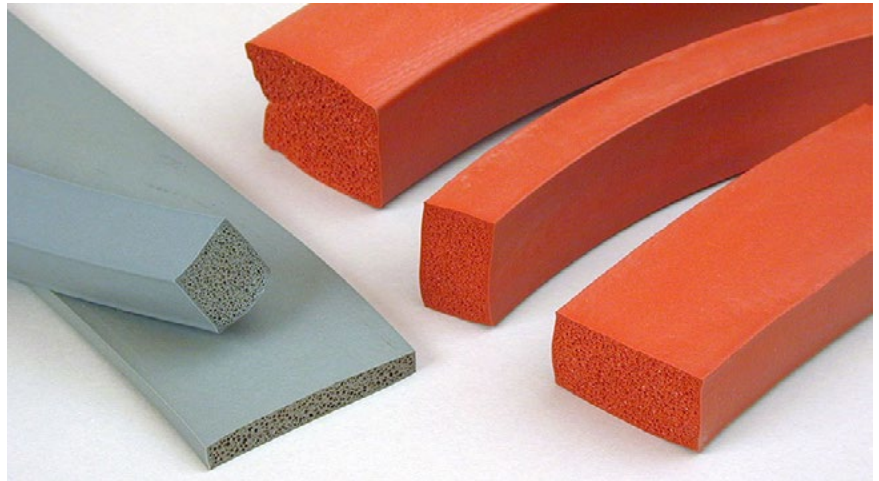
DESCRIPTION

Nolato Jabar's closed cell silicone sponge extrusions are manufactured to AMS and MIL specification. Density can be selected to meet specific requirements for low closure load seals.

FEATURES OF SILICONE SPONGE

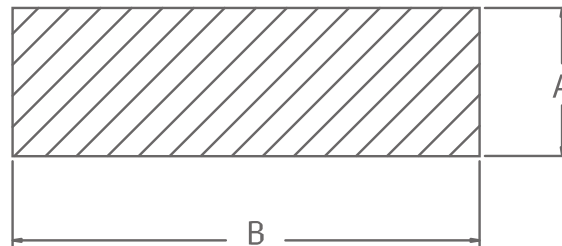
- High temperature capability, standard for silicone
- Easy compressibility for applications requiring a lower closure sealing force
- Silicone sponge is closed cell, minimizing water absorption

Please refer to Page 5 for material specifications.



SPONGE AMS SPECIFICATIONS

Properties	3194	3195	3196
Compression Deflection (psi @ 75% original thickness)	2-7	6-14	14-20
Maximum Density (lbs./cu.in.)	.016	.020	.030
Compression set (% original deflection, max.)	25%	60%	60%
Low Temperature Brittle Point (°F)	-100	-100	-100



RECTANGULAR SIZES

Dash No.	A (in.)	B (in.)	Dash No.	A (in.)	B (in.)	Dash No.	A (in.)	B (in.)
0101	.062	.250	0114	.187	1.00	0127	.500	.750
0102	.062	.500	0115	.250	.250	0128	.500	1.00
0103	.062	.750	0116	.250	.375	0129	.625	.625
0104	.125	.125	0117	.250	.500	0130	.625	.750
0105	.125	.250	0118	.250	.750	0131	.625	1.00
0106	.125	.500	0119	.250	1.00	0132	.750	.750
0107	.125	.750	0120	.375	.375	0133	.750	1.00
0108	.125	1.00	0121	.375	.500	0134	1.00	1.00
0109	.187	.187	0122	.375	.625	0135	1.00	1.25
0110	.187	.250	0123	.375	.750	0136	1.00	1.50
0111	.187	.375	0124	.375	1.00	0137	1.00	2.00
0112	.187	.500	0125	.500	.500	0138	1.50	1.50
0113	.187	.750	0126	.500	.625	0139	2.00	2.00



Series 1300

Custom Molded Parts

Solid Silicone Parts
Series 1310

Sponge Molded Parts
Series 1320

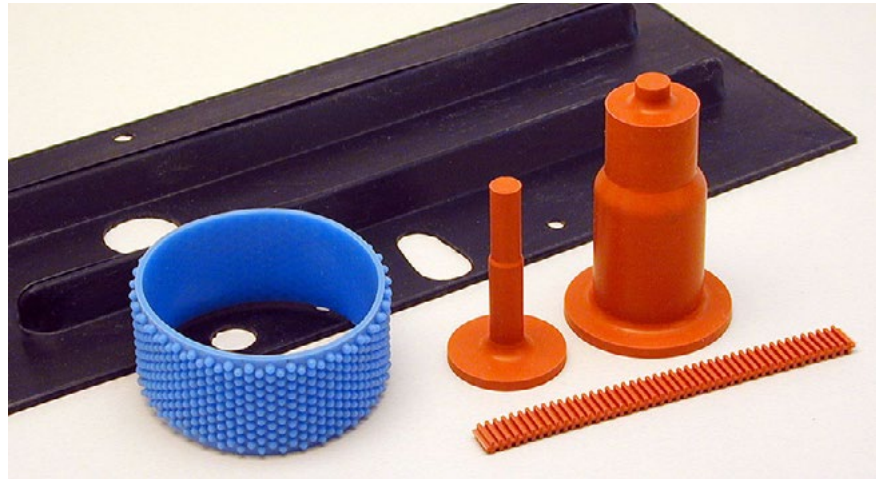
Fluorosilicone Molded Parts
Series 1330

DESCRIPTION

Nolato Jabar molds custom parts to customer specifications in solid silicone or sponge as well as fluorosilicone and Viton and we specialize in larger cross-section parts.

Custom molds are designed and manufactured on premise. Press capacity includes a compression molding press up to 850 tons, 42 in. x 42 in., gum and liquid silicone rubber injection, and specialized molding of lengths up to 18 ft.

Design assistance is available for parts and/or molds. We can quote your needs from prototype tools and parts to large volume, multi-cavity tooling.



Series 1400

Washers and Bushings

DESCRIPTION

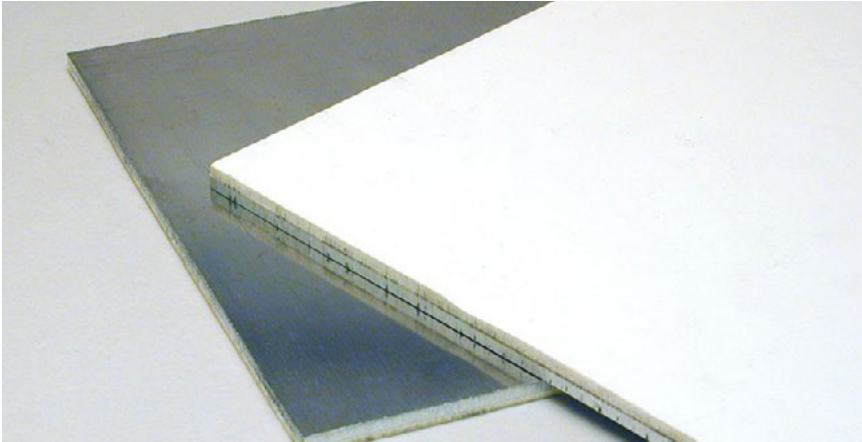
Nolato Jabar precision cuts tubing to length for gaskets, heater element bushings, capacitor bushings, damping, pads, seals and other products.

Standard sizes range from .032 in. to 1 in. interior diameter to 6 in. long. Parts are produced in any standard material color to meet ZZ-R-765, AA-59588 or applicable MIL, AMS and ASTM specifications. We can also manufacture to commercial grades or to your own specifications.



Series 1500

Heat Transfer Pads



DESCRIPTION

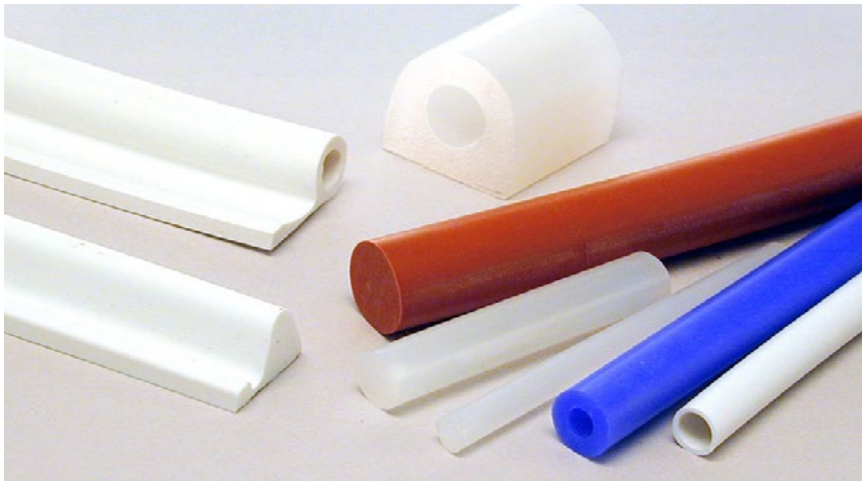
Heat transfer pads (in sizes to 24 in. x 24 in.) are fabricated of silicone rubber bonded to aluminum or steel. They are used in hot roll leaf stamping for heat sealing applications at temperatures to 500°F.

Type I pads use silicone rubber from 1/32 in. through in. thick, bonded to metal from 1/32 in. through in.

Type II pads (US Patent No. 3507739)—which add a mechanical bond achieved through use of a perforated metal backing—provide superior life in most applications.

FDA NSF

FDA NSF Silicone



DESCRIPTION

Nolato Jabar's formulation of FDA silicone rubber is available in a variety of extruded and molded configurations.

This material is nontoxic and odorless. It can be autoclaved repeatedly as well as meeting FDA requirements for extractable. It's non-wetting characteristics simplify cleaning procedures.

Additionally, we offer a molded sheet product which is approved for use under Standard 51 by the National Sanitation Foundation. NSF is a leading global independent public health and safety organization.

Both products are available in various colors.

TYPICAL NSF PROPERTIES

This formula is produced in the following finished forms:

Durometer	50
Tensile Strength	700 min.
Elongation	200% min.
Tear	80-100 PPI range

Series 1700

Solid and Foam Strip / Tape

DESCRIPTION

Nolato Jabar's silicone rubber tape in both solid and sponge (with or without pressure sensitive adhesive) is manufactured in thicknesses from .031 in. through .5 in. and is slit to the requested width. Sizes shown are the most popular. Custom widths are available.



The JB 9000 foam tape shown above provides a low density, light weight, silicone foam. Having low compression set characteristics, high heat capability, low outgassing, and FDA suitability, this foam tape is ideal for many specialized applications.

STRIP/TAPE SIZES

Dash No.	Thickness (in.)	Width (in.)	Dash No.	Thickness (in.)	Width (in.)
0101	.031	.25	0119	.188	.750
0102	.031	.50	0120	.188	1.00
0103	.031	.75	0121	.188	1.50
0104	.031	1.00	0122	.188	2.00
0105	.031	1.50	0123	.250	.500
0106	.031	2.00	0124	.250	.750
0107	.062	.250	0125	.250	1.00
0108	.062	.500	0126	.250	1.50
0109	.062	.750	0127	.250	2.00
0110	.062	1.00	0128	.375	.500
0111	.062	1.50	0129	.375	.750
0112	.125	.250	0130	.375	1.00
0113	.125	.500	0131	.375	1.50
0114	.125	.750	0132	.375	2.00
0115	.125	1.00	0133	.500	.500
0116	.125	1.50	0134	.500	.750
0117	.125	2.00	0135	.500	1.00
0118	.188	.500	0136	.500	1.50

AVAILABLE COMBINATIONS FOR SOLID

Specifications
AMS 3301, AMS 3302, AMS 3303, AMS 3304, AMS 3315 AMS 3320, AMS 3325, ASTM D 2000, MIL-R-25988 ZZ-R-765/A-A-59588
Hardness Shore A
10 Durometer to 80 Durometer
Available Colors
Red/Orange, Grey, Translucent, White, Black, Blue, Brown
Available PSA Types
Acrylic, Silicone

TOLERANCES FOR SOLID *

Thickness (in.)	Tolerances (in.)
Under .031	± .010
.031 to .059	± .012
.060 to .124	± .016
.125 to .186	± .020
.187 to .374	± .031
.375 to .561	± .047
.562 to .749	± .063
.750 to .999	± .093
1.00 and over	± 10%

* For tolerances not shown in this chart please contact sales for assistance.

AVAILABLE COMBINATIONS FOR SPONGE

Specifications
AMS 3195, AMS 3196, ASTM D 1056, SAE 3195
Density Range
Soft, Medium, Firm
Available Colors
Red/Orange, Grey, Black, White
Available PSA Types
Acrylic, Silicone

TOLERANCES FOR SPONGE *

Thickness (in.)	Tolerances (in.)
0 to .125	+ .032/ - .016
.126 to .250	± .032
.251 to .500	± .040
.501 to 1.00	± 10%
1.01 to 4.00	± 10%
4.01 & over	± 10%

* For tolerances not shown in this chart please contact sales for assistance.

CHEMICAL RESISTANCE—SILICONE RUBBER

Material	Weight Change %	Volume Change %	Durometer Change %
ACIDS			
Nitric conc.	+10	+10	-30
Nitric 7%	<1	<1	-2
Sulfuric conc.	*	Disintegrates	*
Sulfuric 10%	<1	<1	-2
Acetic conc.	+2	+3	-4
Acetic 5%	+4	+4	+8
Hydrochloric conc.	+1	+1	-6
Hydrochloric 10%	+2	+4	-4
Hydrochloric 3%	<1	+1	-2
BASES			
Sodium Hydroxide 20%	<1	<1	-2
Sodium Hydroxide 1%	<1	<1	-4
Ammonium Hydroxide conc.	+2	+2	-4
Ammonium Hydroxide 10%	+3	+2	-6
SALTS			
Sodium Chloride 10%	<1	<1	-2
Sodium Carbonate 2%	<1	<1	0
SOLVENTS			
Ethyl Alcohol	+5	+6	-10
Acetone	+5	+15	-15
Toluene	+75	+120	-30
Gasoline, Regular	+65	+130	-25
Gasoline, Aviation	+60	+110	-30
Mineral Spirits Carbon	+65	+110	-30
Tetrachloride	+130	+110	-25
HYDRAULIC FLUIDS			
Hollingshead H-2	+4	+5	-10
Hollingshead H-2 (1)	+9	+12	-15
Skydrol	+4	+4	-8
Skydrol (1)	+7	+8	-10
PRL3161	+5	+7	-8
PRL3161(1)	+9	+9	-15
OILS			
Castor Oil	<1	<1	-4
Lard Oil	<1	<1	-4
Linseed Oil	<1	<1	-2
Mineral Oil	+5	+6	-6
ASTM # 1 Oil (2)	+3	+5	-6
ASTM # 3 Oil (2)	+20	+31	-20
Silicone Oil SF 96 (100) 2	+25	+35	-25
Silicone Oil 42,000 cstk (2)	+9	+10	-12
OTHER			
Water	<1	<1	<1
Hydrogen Peroxide 3%	<1	<1	<1
Pyanol 1476	+4	+4	-8

(1) 70 hours @ 212°F (2) 70 hours @ 300°F



