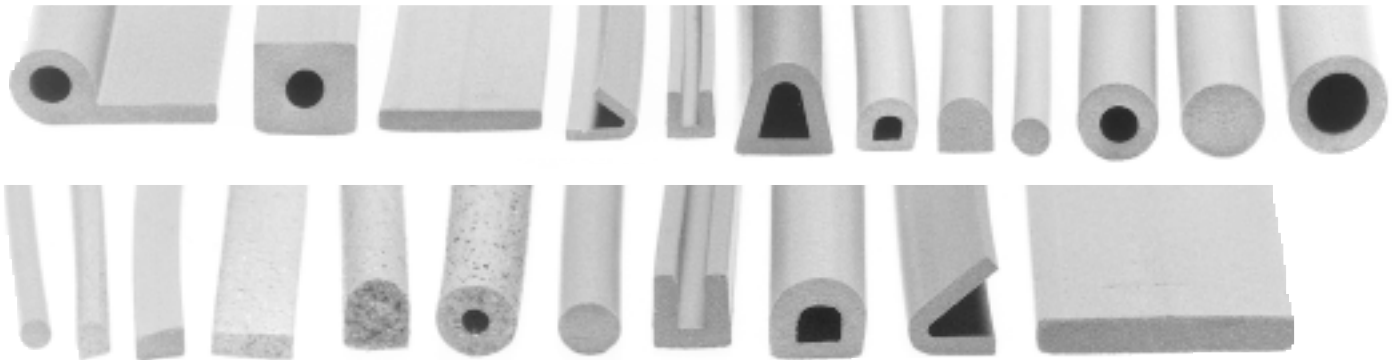


Conductive Elastomer Extruded Strips



Extruded Strips

Chomerics' extruded conductive elastomer gaskets are solid and hollow strips which are available in a variety of cross section configurations. In addition to the configurations listed, custom shapes and sizes can be produced.

High precision cut-to-length extrusions with tolerances similar to molded part tolerances are available using the cutting technology of Parker's JBL division.

Splicing Gaskets

For fabricated gaskets with an I.D. of 2 inches (51 mm) or more, many extruded strips can be cut and spliced to form a continuous seal. Gaskets formed this way offer cost savings over molded gaskets without sacrificing performance. The joint is vulcanized under heat and pressure. For solid extrusions, the splice is often as strong and resilient as the gasket material's tensile specification (except fluorosilicone). Grooves must provide corner radii equal to or greater than $2\frac{1}{2}$ times the strip width.

Chomerics offers conductive silicone splicing compounds for making "custom" EMI/RFI gaskets from standard CHO-SEAL and CHO-SIL silicone strips. CHO-BOND 1024, 1026 and 1072 splicing compounds are silver-bearing powders dispersed in a silicone binder. CHO-BOND 1024 compound is for

use with CHO-SEAL silicone extrusions and CHO-BOND 1026 compound is for CHO-SIL silicone strips. CHO-BOND 1072 compound is for use with nickel-coated graphite-filled elastomers. All three compounds are available in 3 oz. (85 g) and 1 lb. (.45 kg) kits. Ordering part numbers for 3 oz. kits are 53-00-1024-0000, 53-00-1026-0000 and 53-00-1072-0000. Part numbers for a 1 lb. kit are 53-01-1024-0000, 53-01-1026-0000 and 53-01-1072-0000. Request Technical Bulletin 61 for additional information.

Note: Certain extrusion profiles cannot be spliced without twisting inside-out. If questionable, consult Chomerics.

Tolerances

Cross section tolerances for extruded strips shall be ± 0.005 in. (0.13 mm) for all dimensions below 0.200 in. (5.10 mm), ± 0.008 in. (0.20 mm) for all dimensions between 0.200 in. (5.10 mm) and .349 in. (8.86 mm) and ± 0.010 in. (0.25 mm) for dimensions between 0.350 in. (8.90 mm) and 0.500 in. (12.7 mm). For tolerances on larger cross sectional dimensions, contact Chomerics.

Ordering Procedure

For standard configurations, select the Chomerics part number from Tables 3-10. The last four digits designate the material type. Orders

must also specify quantity in length (feet or meters). Please note that the minimum order acceptable is 25 feet (7.6 meters). Subject only to packaging constraints, the gaskets are shipped in continuous lengths on reels.

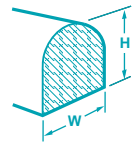
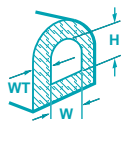
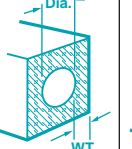
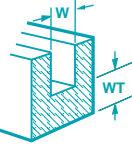
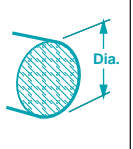
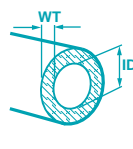
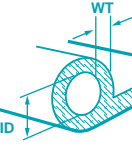

For custom configurations, cut-to-length parts, or spliced strips, drawings must be provided. Part numbers for these will be assigned by Chomerics.

Material Selection and Manufacturing Limitations

The physical characteristics of certain materials, however, make them unextrudable in very small sizes. General manufacturing limitations are shown in Table 2 (on next page). Specific material exceptions (non-availability) are denoted by numerical superscripts following certain part numbers in Tables 3-10. The superscripts are defined below:

Code	Material
1	1215, S6304, S6305
2	1217, 1221, 1224, 1350, L6303
3	1285, 1287, 1298, 1485
4	1401

Table 2

EXTRUSION MANUFACTURING GUIDELINES & LIMITATIONS																
<i>Minimum dimensions allowed for manufacturing consistency</i>																
																
	H	W	WT	H	W	Dia.	WT	WT	W	Dia.	WT	ID	WT	T	ID	T*
1215	0.035	0.035	0.020	0.040	0.040	0.020	0.025	0.020	0.020	0.028	0.015	0.020	0.020	0.030	0.045	0.031
1217	0.035	0.035	0.025	0.040	0.040	0.020	0.032	0.032	0.020	0.035	0.020	0.020	0.020	0.030	0.045	0.031
1221	0.035	0.035	0.025	0.040	0.040	0.020	0.032	0.032	0.020	0.035	0.020	0.020	0.020	0.030	0.045	0.031
1224	0.035	0.035	0.025	0.040	0.040	0.020	0.032	0.032	0.020	0.035	0.020	0.020	0.020	0.030	0.045	0.031
1285	0.040	0.040	0.025	0.040	0.040	0.020	0.032	0.032	0.020	0.040	0.020	0.020	0.020	0.030	0.045	0.031
1287	0.040	0.040	0.025	0.040	0.040	0.020	0.032	0.032	0.020	0.040	0.020	0.020	0.020	0.030	0.045	0.031
1298	0.040	0.040	0.025	0.040	0.040	0.020	0.032	0.032	0.020	0.040	0.020	0.020	0.020	0.030	0.045	0.031
1350	0.035	0.035	0.025	0.040	0.040	0.020	0.032	0.032	0.020	0.035	0.020	0.020	0.020	0.030	0.045	0.031
1401	0.062	0.062	0.045	0.040	0.040	0.020	0.045	0.045	0.020	0.062	0.045	0.020	0.045	0.045	0.045	0.045
1485	0.040	0.040	0.025	0.040	0.040	0.020	0.032	0.032	0.020	0.040	0.020	0.020	0.020	0.030	0.045	0.031
L6303	0.035	0.035	0.025	0.040	0.040	0.020	0.032	0.032	0.020	0.035	0.020	0.020	0.020	0.030	0.045	0.031
S6304	0.035	0.035	0.020	0.040	0.040	0.020	0.025	0.020	0.020	0.028	0.015	0.020	0.020	0.030	0.045	0.031
S6305	0.035	0.035	0.020	0.040	0.040	0.020	0.025	0.020	0.020	0.028	0.015	0.020	0.020	0.030	0.045	0.031

Consult Chomerics' Applications Engineering Department concerning material compatibility for smaller dimensions and custom extrusions.

*Maximum width of 1.000" at minimum thickness of 0.031". Dimensions shown in inches. One in. = 25.4 mm.

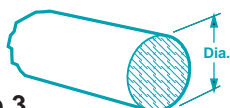


Table 3

O-STRIPS			
Chomerics P/N* MIL P/N: M83528/ 001X [†] -()	Nominal Dimension [Dia.]	"Rule of Thumb" Groove Dimensions ^{††}	
		Depth	Width
19-04-12895-XXXX ^{2, 3, 4} (NA)	0.028 (0.71)	0.018 (0.46)	0.055 (1.40)
19-04-W993-XXXX ^{2, 3, 4} (NA)	0.030 (0.76)	0.020 (0.51)	0.056 (1.42)
19-04-12896-XXXX ^{2, 3, 4} (NA)	0.032 (0.81)	0.022 (0.56)	0.056 (1.42)
19-04-12897-XXXX ^{2, 3, 4} (NA)	0.033 (0.84)	0.023 (0.58)	0.056 (1.42)
10-04-6386-XXXX ⁴ (001)	0.040 (1.02)	0.029 (0.74)	0.061 (1.55)
10-04-9139-XXXX ⁴ (NA)	0.048 (1.22)	0.037 (0.94)	0.065 (1.65)
10-04-C317-XXXX ⁴ (NA)	0.050 (1.27)	0.038 (0.97)	0.068 (1.73)
10-04-3560-XXXX ⁴ (002)	0.053 (1.35)	0.041 (1.04)	0.070 (1.78)
19-04-X294-XXXX ⁴ (NA)	0.060 (1.52)	0.047 (1.19)	0.076 (1.93)

(mm dimensions in parentheses)

continued next column

Table 3 *continued*

O-STRIPS			
Chomerics P/N* MIL P/N: M83528/ 001X [†] -()	Nominal Dimension [Dia.]	"Rule of Thumb" Groove Dimensions ^{††}	
		Depth	Width
10-04-2561-XXXX (003)	0.062 (1.57)	0.049 (1.24)	0.077 (1.96)
10-04-1687-XXXX (004)	0.070 (1.78)	0.056 (1.42)	0.084 (2.13)
19-04-12987-XXXX (NA)	0.074 (1.88)	0.060 (1.52)	0.087 (2.21)
19-04-11228-XXXX (NA)	0.075 (1.91)	0.061 (1.55)	0.087 (2.21)
19-04-12899-XXXX (NA)	0.077 (1.96)	0.063 (1.60)	0.089 (2.26)
19-04-12900-XXXX (NA)	0.079 (2.01)	0.064 (1.63)	0.091 (2.31)
10-04-2657-XXXX (005)	0.080 (2.03)	0.065 (1.65)	0.092 (2.34)

* Last four digits should be used to designate material (1215, 1217, 1285, etc.). Smallest sizes may not be extrudable in certain materials. For explanation of superscript codes following XXXX, which indicate non-availability, refer to page 39.

[†] "X" should be replaced by applicable MIL-G-83528B material type (e.g., A, B, C, etc.). Number in parentheses is MIL-G-83528B dash number, which should be inserted (without parentheses) at end of MIL P/N.

continued next page

Table 3 continued

O-STRIPS			
Chomerics P/N* MIL P/N: M83528/ 001X [†] - ()	Nominal Dimension [Dia.]	"Rule of Thumb" Groove Dimensions ^{††}	
		Depth	Width
19-04-12901-XXXX (NA)	0.085 (2.16)	0.069 (1.75)	0.097 (2.46)
19-04-M394-XXXX (NA)	0.090 (2.29)	0.073 (1.85)	0.102 (2.59)
10-04-2865-XXXX (006)	0.093 (2.36)	0.076 (1.93)	0.104 (2.64)
10-04-3509-XXXX (NA)	0.100 (2.54)	0.082 (2.08)	0.110 (2.79)
10-04-1720-XXXX (007)	0.103 (2.62)	0.084 (2.13)	0.114 (2.90)
19-04-12902-XXXX (NA)	0.106 (2.69)	0.087 (2.21)	0.114 (2.90)
10-04-2866-XXXX (NA)	0.112 (2.84)	0.092 (2.34)	0.121 (3.07)
10-04-3077-XXXX (008)	0.119 (3.02)	0.098 (2.49)	0.128 (3.25)
10-04-2463-XXXX (009)	0.125 (3.18)	0.102 (2.59)	0.135 (3.43)
10-04-2862-XXXX (NA)	0.130 (3.30)	0.107 (2.72)	0.138 (3.51)
19-04-12903-XXXX (NA)	0.134 (3.40)	0.110 (2.79)	0.143 (3.63)
10-04-1721-XXXX (010)	0.139 (3.53)	0.114 (2.90)	0.147 (3.73)
19-04-12904-XXXX (NA)	0.147 (3.73)	0.120 (3.05)	0.156 (3.96)
10-04-3982-XXXX (NA)	0.150 (3.81)	0.123 (3.12)	0.158 (4.01)
19-04-12906-XXXX (NA)	0.158 (4.01)	0.129 (3.28)	0.166 (4.22)
19-04-12905-XXXX (NA)	0.159 (4.04)	0.130 (3.30)	0.167 (4.24)
10-04-3231-XXXX (NA)	0.160 (4.06)	0.131 (3.33)	0.168 (4.27)
19-04-12907-XXXX (NA)	0.170 (4.32)	0.139 (3.53)	0.178 (4.52)
19-04-F371-XXXX (NA)	0.188 (4.78)	0.154 (3.91)	0.195 (4.95)
19-04-12908-XXXX (NA)	0.195 (4.95)	0.160 (4.06)	0.201 (5.11)
10-04-2864-XXXX (012)	0.216 (5.49)	0.177 (4.50)	0.227 (5.77)
19-04-12909-XXXX (NA)	0.219 (5.56)	0.179 (4.55)	0.231 (5.87)
19-04-11453-XXXX (NA)	0.220 (5.59)	0.180 (4.57)	0.232 (5.89)
19-04-12910-XXXX (NA)	0.236 (5.99)	0.193 (4.90)	0.247 (6.27)

†† **Note:** The groove dimensions recommended assume groove tolerance of $\pm 0.002"$ (0.05 mm) for standard O- and D-strips. Closure forces are assumed to provide maximum and uniform gasket deflection. If these conditions are not attainable, contact Chomerics' Applications Engineering Department before ordering.

continued next column

Table 3 continued

O-STRIPS			
Chomerics P/N* MIL P/N: M83528/ 001X [†] - ()	Nominal Dimension [Dia.]	"Rule of Thumb" Groove Dimensions ^{††}	
		Depth	Width
19-04-12911-XXXX (NA)	0.247 (6.27)	0.202 (5.13)	0.258 (6.55)
10-04-3076-XXXX (013)	0.250 (6.35)	0.205 (5.21)	0.260 (6.60)
10-04-9769-XXXX (NA)	0.280 (7.11)	0.230 (5.84)	0.288 (7.32)
19-04-12912-XXXX (NA)	0.291 (7.39)	0.238 (6.05)	0.300 (7.62)
19-04-12913-XXXX (NA)	0.292 (7.42)	0.239 (6.07)	0.301 (7.65)
19-04-19214-XXXX (NA)	0.317 (8.05)	0.260 (6.60)	0.324 (8.23)
19-04-12915-XXXX (NA)	0.324 (8.23)	0.265 (6.73)	0.332 (8.43)
19-04-12916-XXXX (NA)	0.329 (8.36)	0.270 (6.86)	0.335 (8.51)
19-04-12917-XXXX (NA)	0.348 (8.84)	0.285 (7.24)	0.354 (8.99)
19-04-12918-XXXX (NA)	0.367 (9.32)	0.301 (7.65)	0.376 (9.55)
19-04-12919-XXXX (NA)	0.379 (9.63)	0.310 (7.87)	0.388 (9.86)
19-04-12920-XXXX (NA)	0.393 (9.98)	0.322 (8.18)	0.401 (10.19)
19-04-12921-XXXX (NA)	0.410 (10.41)	0.336 (8.53)	0.417 (10.59)
19-04-12922-XXXX (NA)	0.420 (10.67)	0.344 (8.74)	0.427 (10.85)
19-04-W337-XXXX (NA)	0.429 (10.90)	0.351 (8.92)	0.436 (11.07)
19-04-12923-XXXX (NA)	0.479 (12.17)	0.392 (9.96)	0.484 (12.29)
19-04-12924-XXXX (NA)	0.570 (14.48)	0.467 (11.86)	0.590 (14.99)
19-04-12925-XXXX (NA)	0.635 (16.13)	0.520 (13.21)	0.653 (16.59)
19-04-12926-XXXX (NA)	0.661 (16.79)	0.542 (13.77)	0.677 (17.20)
19-04-12927-XXXX (NA)	0.831 (21.11)	0.681 (17.30)	0.860 (21.84)
19-04-12928-XXXX (NA)	0.876 (22.25)	0.718 (18.24)	0.903 (22.94)
19-04-12929-XXXX (NA)	0.894 (22.71)	0.733 (18.62)	0.920 (23.37)
19-04-12930-XXXX (NA)	0.922 (23.42)	0.756 (19.20)	0.947 (24.05)

* Last four digits should be used to designate material (1215, 1217, 1285, etc.). Smallest sizes may not be extrudable in certain materials. For explanation of superscript codes following XXXX, which indicate non-availability, refer to page 39.

† "X" should be replaced by applicable MIL-G-83528B material type (e.g., A, B, C, etc.). Number in parentheses is MIL-G-83528B dash number, which should be inserted (without parentheses) at end of MIL P/N.

(mm dimensions in parentheses)



Table 4

HOLLOW O-STRIPS		
Chomerics P/N* MIL P/N: M83528/011X [†] ()	Nominal Dimensions	
	A	B
10-04-W137-XXXX (NA) ⁴	0.060 (1.52)	0.020 (0.51)
19-04-11204-XXXX (NA) ⁴	0.081 (2.06)	0.020 (0.51)
19-04-12570-XXXX (NA) ^{2, 3, 4}	0.083 (2.11)	0.050 (1.27)
10-04-W267-XXXX (NA) ⁴	0.090 (2.29)	0.050 (1.27)
10-04-W293-XXXX (NA) ^{2, 3, 4}	0.090 (2.29)	0.060 (1.52)
19-04-11205-XXXX (NA) ⁴	0.102 (2.60)	0.039 (0.99)
10-04-M211-XXXX (NA) ⁴	0.103 (2.62)	0.040 (1.02)
19-04-10212-XXXX (NA) ⁴	0.110 (2.79)	0.045 (1.14)
19-04-12534-XXXX (NA) ^{2, 3, 4}	0.118 (3.00)	0.079 (2.01)
19-04-11216-XXXX (NA) ⁴	0.122 (3.10)	0.061 (1.55)
10-04-2999-XXXX (001) ⁴	0.125 (3.18)	0.045 (1.14)
10-04-8817-XXXX (006) ⁴	0.125 (3.18)	0.062 (1.57)
19-04-11283-XXXX (NA) ⁴	0.125 (3.18)	0.080 (2.03)
10-04-W775-XXXX (NA) ⁴	0.125 (3.18)	0.085 (2.16)
10-04-5514-XXXX (NA) ⁴	0.130 (3.30)	0.045 (1.14)
19-04-X787-XXXX (NA) ^{2, 3, 4}	0.135 (3.43)	0.097 (2.46)
19-04-11289-XXXX (NA) ⁴	0.145 (3.68)	0.070 (1.78)
10-04-4180-XXXX (002)	0.156 (3.96)	0.050 (1.27)
10-04-9732-XXXX (NA) ⁴	0.156 (3.96)	0.080 (2.03)
19-04-11213-XXXX (NA) ^{2, 3, 4}	0.172 (4.37)	0.140 (3.56)
19-04-11293-XXXX (NA) ^{2, 3, 4}	0.175 (4.45)	0.144 (3.66)
10-04-8133-XXXX (008)	0.177 (4.50)	0.079 (2.01)
19-04-11214-XXXX (NA) ⁴	0.180 (4.57)	0.140 (3.56)
10-04-4254-XXXX (NA)	0.190 (4.83)	0.080 (2.03)
19-04-12015-XXXX (NA)	0.207 (5.26)	0.077 (1.95)
19-04-E483-XXXX (NA)	0.210 (5.33)	0.093 (2.36)
10-04-2737-XXXX (003)	0.250 (6.35)	0.125 (3.18)
10-04-3221-XXXX (NA)	0.290 (7.36)	0.175 (4.45)
19-04-W049-XXXX (NA)	0.290 (7.36)	0.156 (3.96)
10-04-3004-XXXX (004)	0.312 (7.92)	0.192 (4.88)
10-04-3122-XXXX (005)	0.375 (9.53)	0.250 (6.35)
19-04-12338-XXXX (NA)	0.430 (10.92)	0.330 (8.38)
10-04-4034-XXXX (NA)	0.437 (11.10)	0.347 (8.81)
10-04-3649-XXXX (NA)	0.479 (11.94)	0.345 (8.76)
10-04-5572-XXXX (NA)	0.500 (12.7)	0.385 (9.78)
19-04-11651-XXXX (NA)	0.524 (13.31)	0.315 (8.00)

continued next column

Table 4 continued

HOLLOW O-STRIPS		
Chomerics P/N* MIL P/N: M83528/011X [†] ()	Nominal Dimensions	
	A	B
10-04-4155-XXXX (NA)	0.555 (14.10)	0.425 (10.80)
10-04-5515-XXXX (NA)	0.562 (14.27)	0.437 (11.10)
10-04-5516-XXXX (NA)	0.620 (15.75)	0.515 (313.08)
10-04-3652-XXXX (NA)	0.650 (16.51)	0.520 (13.21)

* Last four digits should be used to designate material (1215, 1217, 1285, etc.). Smallest sizes may not be extrudable in certain materials. For explanation of superscript codes following XXXX, which indicate non-availability, refer to page 39.

[†] "X" should be replaced by applicable MIL-G-83528B material type (e.g., A, B, C, etc.). Number in parentheses is MIL-G-83528B dash number, which should be inserted (without parentheses) at end of MIL P/N.

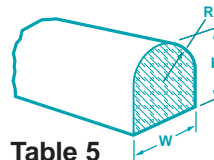


Table 5

D-STRIPS					
Chomerics P/N* MIL P/N: M83528/ 003X [†] ()	Nominal Dimensions			"Rule of Thumb" Groove Dimensions ^{††}	
	H	W	R(rad.)	Depth	Width
10-05-5589-XXXX ³ (NA)	0.064 (1.63)	0.055 (1.40)	0.031 (0.79)	0.052 (1.32)	0.077 (1.96)
10-05-Z337-XXXX ³ (NA)	0.075 (1.90)	0.060 (1.52)	0.030 (0.76)	0.062 (1.57)	0.089 (2.26)
10-05-1362-XXXX (001)	0.068 (1.73)	0.062 (1.57)	0.031 (0.79)	0.056 (1.42)	0.084 (2.13)
19-05-E163-XXXX (NA)	0.074 (1.88)	0.062 (1.57)	0.031 (0.78)	0.061 (1.55)	0.088 (2.23)
19-05-12883-XXXX (NA)	0.085 (2.16)	0.062 (1.57)	0.031 (0.78)	0.072 (1.83)	0.088 (2.23)
10-05-4699-XXXX (005)	0.100 (2.54)	0.062 (1.57)	0.031 (0.79)	0.085 (2.16)	0.081 (2.06)
19-05-12887-XXXX ³ (NA)	0.055 (1.40)	0.064 (1.62)	0.032 (0.81)	0.044 (1.12)	0.101 (2.57)
10-05-E205-XXXX (NA)	0.095 (2.41)	0.070 (1.78)	0.035 (0.89)	0.081 (2.06)	0.097 (2.46)
10-05-1363-XXXX (003)	0.089 (2.26)	0.078 (1.98)	0.039 (0.99)	0.074 (1.88)	0.101 (2.57)

* Last four digits should be used to designate material (1215, 1217, 1285, etc.). Smallest sizes may not be extrudable in certain materials. For explanation of superscript codes following XXXX, which indicate non-availability, refer to page 39.

^{††} **Note:** The groove dimensions recommended assume groove tolerance of ±0.002" (0.05 mm) for standard O- and D-strips. Closure forces are assumed to provide maximum and uniform gasket deflection. If these conditions are not attainable, contact Chomerics' Applications Engineering Department before ordering.

continued next page

mm dimensions in parentheses)

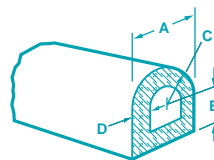


Table 5 continued

D-STRIPS					
Chomerics P/N* MIL P/N: M83528/ 003X [†] -()	Nominal Dimensions			"Rule of Thumb" Groove Dimensions ^{††}	
	H	W	R(rad.)	Depth	Width
19-05-C497-XXXX (NA)	0.070 (1.78)	0.080 (2.03)	0.040 (1.02)	0.058 (1.47)	0.116 (2.95)
19-05-E329-XXXX (NA)	0.090 (2.29)	0.080 (2.03)	0.040 (1.02)	0.076 (1.93)	0.111 (2.82)
19-05-12888-XXXX (NA)	0.081 (2.06)	0.088 (2.23)	0.044 (1.12)	0.068 (1.73)	0.123 (3.12)
19-05-A611-XXXX (NA)	0.134 (3.40)	0.091 (2.31)	0.045 (1.14)	0.117 (2.97)	0.118 (3.00)
10-05-3224-XXXX (002)	0.078 (1.98)	0.094 (2.39)	0.047 (1.19)	0.065 (1.65)	0.115 (2.92)
19-05-Z586-XXXX (004)	0.094 (2.39)	0.094 (2.39)	0.047 (1.19)	0.080 (2.03)	0.128 (3.25)
19-05-C128-XXXX (NA)	0.115 (2.92)	0.102 (2.60)	0.051 (1.30)	0.099 (2.51)	0.134 (3.40)
10-05-A283-XXXX (NA)	0.131 (3.33)	0.122 (3.10)	0.061 (1.55)	0.114 (2.90)	0.156 (3.96)
19-05-F364-XXXX (NA)	0.135 (3.43)	0.124 (3.15)	0.062 (1.57)	0.118 (3.00)	0.158 (4.01)
19-05-F084-XXXX (NA)	0.125 (3.18)	0.125 (3.18)	0.062 (1.57)	0.108 (2.74)	0.161 (4.09)
10-05-2618-XXXX (006)	0.110 (2.79)	0.150 (3.81)	0.075 (1.91)	0.095 (2.41)	0.165 (4.19)
19-05-F173-XXXX (009)	0.156 (3.96)	0.156 (3.96)	0.078 (1.98)	0.137 (3.48)	0.194 (4.93)
10-05-1499-XXXX (008)	0.156 (3.96)	0.118 (3.00)	0.059 (1.50)	0.137 (3.48)	0.136 (3.45)
10-05-1364-XXXX (007)	0.135 (3.43)	0.122 (3.10)	0.061 (1.55)	0.118 (3.00)	0.140 (3.56)
10-05-1577-XXXX (010)	0.175 (4.45)	0.178 (4.52)	0.089 (2.26)	0.154 (3.91)	0.195 (4.95)
19-05-A381-XXXX (NA)	0.200 (5.08)	0.187 (4.75)	0.093 (2.36)	0.177 (4.50)	0.228 (5.79)
19-05-12899-XXXX (NA)	0.205 (5.21)	0.187 (4.75)	0.093 (2.36)	0.179 (4.55)	0.234 (5.94)
19-05-W496-XXXX (011)	0.188 (4.78)	0.188 (4.78)	0.094 (2.39)	0.166 (4.22)	0.229 (5.82)
19-05-12890-XXXX (NA)	0.324 (8.23)	0.487 (12.37)	0.243 (6.17)	0.289 (7.34)	0.577 (14.66)

* Last four digits should be used to designate material (1215, 1217, 1285, etc.). Smallest sizes may not be extrudable in certain materials. For explanation of superscript codes following XXXX, which indicate non-availability, refer to page 39.

[†] "X" should be replaced by applicable MIL-G-83528B material type (e.g., A, B, C, etc.). Number in parentheses is MIL-G-83528B dash number, which should be inserted (without parentheses) at end of MIL P/N.

^{††} **Note:** The groove dimensions recommended assume groove tolerance of ±0.002" (0.05 mm) for standard O- and D-strips. Closure forces are assumed to provide maximum and uniform gasket deflection. If these conditions are not attainable, contact Chomerics' Applications Engineering Department before ordering.

Table 6

HOLLOW D-STRIPS				
Chomerics P/N* MIL P/N: M83528/ 007X [†] -()	Nominal Dimensions			
	A	B	C (rad.)	D
10-05-6419-XXXX (001)	0.156 (3.96)	0.078 (1.98)	0.078 (1.98)	0.045 (1.14)
10-05-4202-XXXX (002)	0.187 (4.75)	0.093 (2.36)	0.093 (2.36)	0.050 (1.27)
19-05-X254-XXXX ⁴ (NA)	0.187 (4.75)	0.134 (3.43)	0.093 (2.36)	0.040 (1.02)
19-04-11231-XXXX (NA)	0.207 (5.26)	0.084 (2.13)	0.103 (2.62)	0.050 (1.27)
10-05-6991-XXXX (NA)	0.250 (6.35)	0.125 (3.18)	0.125 (3.18)	0.062 (1.57)
10-05-6394-XXXX (007)	0.250 (6.35)	0.125 (3.18)	0.125 (3.18)	0.065 (1.65)
19-05-10277-XXXX ⁴ (NA)	0.296 (7.52)	0.015 (0.38)	0.172 (4.37)	0.030 (0.76)
19-05-L467-XXXX (NA)	0.296 (7.52)	0.015 (0.38)	0.172 (4.37)	0.050 (1.27)
10-05-4308-XXXX (003)	0.312 (7.92)	0.156 (3.96)	0.156 (3.96)	0.062 (1.57)
10-05-3369-XXXX ^{†††} (004)	0.312 (7.92)	0.156 (3.96)	0.156 (3.96)	0.062 (1.57)
10-05-4318-XXXX ^{**} (005)	0.312 (7.92)	0.200 (5.08)	0.112 (2.84)	0.062 (1.57)
10-05-4542-XXXX (006)	0.487 (12.37)	0.080 (2.03)	0.244 (6.20)	0.080 (2.03)
10-05-C589-XXXX (NA)	0.488 (12.40)	0.068 (1.73)	0.244 (6.20)	0.055 (1.40)
10-05-C038-XXXX (NA)	0.488 (12.40)	0.080 (2.03)	0.244 (6.20)	0.080 (2.03)
19-05-E429-XXXX (NA)	0.502 (12.75)	0.250 (6.35)	0.250 (6.35)	0.061 (1.55)
10-05-4282-XXXX (NA)	0.700 (17.78)	0.250 (6.35)	0.350 (8.89)	0.100 (2.54)
19-05-L362-XXXX (NA)	0.750 (19.05)	0.375 (9.53)	0.375 (9.53)	0.075 (1.91)
19-05-W379-XXXX (NA)	0.975 (24.77)	0.132 (3.35)	0.488 (12.40)	0.093 (2.36)

* Last four digits should be used to designate material (1215, 1217, 1285, etc.). Smallest sizes may not be extrudable in certain materials. For explanation of superscript codes following XXXX, which indicate non-availability, refer to page 39.

^{**} Dimension "A" measured at bottom (width narrows to become tangent to "C" radius).

[†] "X" should be replaced by applicable MIL-G-83528B material type (e.g., A, B, C, etc.). Number in parentheses is MIL-G-83528B dash number, which should be inserted (without parentheses) at end of MIL P/N.

^{†††} Includes internal radii for low closure properties.

(mm dimensions in parentheses)



Table 7

RECTANGULAR STRIPS		
Chomerics P/N* MIL P/N: M83528/009X [†] -()	Nominal Dimensions	
	A	B
19-07-12947-XXXX (NA) ⁴	0.041 (1.04)	0.031 (0.78)
19-07-10959-XXXX (NA) ⁴	0.870 (22.10)	0.032 (0.81)
19-17-M327-XXXX (NA) ⁴	1.000 (25.40)	0.032 (0.81)
19-07-12960-XXXX (NA) ⁴	1.000 (25.40)	0.033 (0.84)
19-07-Z499-XXXX (NA) ⁴	0.114 (2.89)	0.039 (0.99)
19-07-11206-XXXX (NA) ⁴	0.120 (3.05)	0.040 (1.02)
10-07-4272-XXXX (001) ⁴	0.063 (1.60)	0.042 (1.07)
19-07-11081-XXXX (NA) ⁴	1.000 (25.40)	0.042 (1.06)
10-07-F743-XXXX (NA)	0.375 (9.53)	0.060 (1.52)
19-07-12959-XXXX (NA)	0.640 (16.25)	0.060 (1.52)
10-07-L525-XXXX (NA)	1.120 (28.45)	0.060 (1.52)
10-07-2981-XXXX (002)	0.095 (2.41)	0.062 (1.57)
10-07-3225-XXXX (004)	0.125 (3.18)	0.062 (1.57)
10-07-3047-XXXX (005)	0.156 (3.96)	0.062 (1.57)
19-07-F463-XXXX (NA)	0.188 (4.77)	0.062 (1.57)
10-07-3226-XXXX (006)	0.250 (6.35)	0.062 (1.57)
19-07-12200-XXXX (NA)	0.500 (12.70)	0.062 (1.57)
19-07-12958-XXXX (NA)	0.569 (14.45)	0.062 (1.57)
10-07-4483-XXXX (010)	0.750 (19.05)	0.062 (1.57)
10-07-4523-XXXX (011)	0.880 (22.35)	0.062 (1.57)
19-07-E431-XXXX (NA)	1.000 (25.40)	0.062 (1.57)
10-07-4538-XXXX (013)	1.180 (29.97)	0.062 (1.57)
19-07-12961-XXXX (NA)	1.210 (30.73)	0.062 (1.57)
19-07-W391-XXXX (NA)	1.600 (40.64)	0.062 (1.57)
19-07-F067-XXXX (NA)	2.000 (50.80)	0.062 (1.57)
19-07-12954-XXXX (NA)	0.255 (6.47)	0.063 (1.60)
19-07-12956-XXXX (NA)	0.508 (12.90)	0.063 (1.60)
19-07-12952-XXXX (NA)	0.188 (4.77)	0.080 (2.03)
10-07-4014-XXXX (003)	0.120 (3.05)	0.075 (1.91)
10-07-3522-XXXX (007)	0.500 (12.70)	0.075 (1.91)
19-07-12948-XXXX (NA)	0.085 (2.16)	0.085 (2.16)
19-07-11080-XXXX (NA)	1.000 (25.40)	0.090 (2.28)
19-07-Z500-XXXX (NA)	0.114 (2.89)	0.091 (2.31)

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Table 7 continued

RECTANGULAR STRIPS		
Chomerics P/N* MIL P/N: M83528/009X [†] -()	Nominal Dimensions	
	A	B
19-07-F193-XXXX (NA)	0.093 (2.36)	0.093 (2.36)
19-07-12953-XXXX (NA)	0.188 (4.77)	0.093 (2.36)
19-07-11079-XXX (NA)	0.780 (19.81)	0.100 (2.54)
10-07-C786-XXXX (NA)	0.170 (4.32)	0.125 (3.18)
10-07-4217-XXXX (008)	0.500 (12.70)	0.125 (3.18)
19-07-11495-XXXX (NA)	0.880 (22.35)	0.125 (3.18)
19-07-8345-XXXX (NA)	0.980 (24.89)	0.125 (3.18)
19-07-12951-XXXX (NA)	0.126 (3.20)	0.126 (3.20)
19-07-12957-XXXX (NA)	0.564 (14.32)	0.127 (3.23)
19-07-F627-XXXX (NA)	0.219 (5.56)	0.156 (3.96)
10-07-3080-XXXX (009)	0.500 (12.70)	0.188 (4.78)
10-07-B447-XXXX (NA)	0.500 (12.70)	0.250 (6.35)
10-07-3797-XXXX(012)	1.000 (25.40)	0.250 (6.35)
19-07-12955-XXXX (NA)	0.330 (8.38)	0.350 (7.75)
19-07-L956-XXXX (NA)	0.875 (22.23)	0.312 (7.92)

Note: Some configurations may have a degree of curvature, making them unsuitable in long lengths. Consult Chomerics Applications Engineering for details.

* Last four digits should be used to designate material (1215, 1217, 1285, etc.). Smallest sizes may not be extrudable in certain materials. For explanation of superscript codes following XXXX, which indicate non-availability, refer to page 39.

[†]"X" should be replaced by applicable MIL-G-83528B material type (e.g., A, B, C, etc.). Number in parentheses is MIL-G-83528B dash number, which should be inserted (without parentheses) at end of MIL P/N.

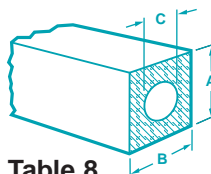


Table 8

HOLLOW RECTANGULAR STRIPS			
Chomerics P/N*	Nominal Dimensions		
	A	B	C (dia.)
10-07-2998-XXXX	0.305 (7.75)	0.330 (8.38)	0.125 (3.18)
10-07-4481-XXXX	0.375 (9.53)	0.375 (9.53)	0.188 (4.78)
10-07-E263-XXXX	0.500 (12.70)	0.500 (12.70)	0.250 (6.35)

* Last four digits should be used to designate material (1215, 1217, 1285, etc.).

(mm dimensions in parentheses)

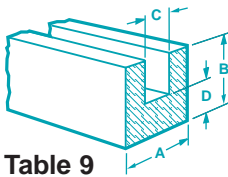


Table 9

CHANNEL STRIPS				
Chomerics P/N* MIL P/N: M83528/ 010X†-()	Nominal Dimensions			
	A	B	C	D
10-08-6475-XXXX ⁴ (001)	0.100 (2.54)	0.100 (2.54)	0.034 (0.86)	0.033 (0.84)
19-08-12880-XXXX ⁴ (NA)	0.126 (3.20)	0.078 (1.98)	0.044 (1.12)	0.048 (1.22)
19-08-12881-XXXX ⁴ (NA)	0.126 (3.20)	0.099 (2.51)	0.047 (1.19)	0.059 (1.50)
10-08-8340-XXXX ⁴ (NA)	0.126 (3.20)	0.097 (2.46)	0.026 (0.66)	0.037 (0.94)
10-08-3215-XXXX (002)	0.126 (3.20)	0.110 (2.79)	0.025 (0.64)	0.050 (1.27)
10-08-4315-XXXX (003)	0.126 (3.20)	0.225 (5.72)	0.020 (0.51)	0.075 (1.91)
19-08-12882-XXX ⁴ (NA)	0.154 (3.91)	0.154 (3.91)	0.082 (2.08)	0.088 (2.24)
10-08-3157-XXXX (004)	0.156 (3.96)	0.156 (3.96)	0.062 (1.57)	0.04 7(1.19)
19-08-12844-XXXX (NA)	0.156 (3.96)	0.175 (4.45)	0.046 (1.17)	0.075 (1.90)
10-08-3253-XXXX (005)	0.175 (4.45)	0.156 (3.96)	0.047 (1.19)	0.075 (1.91)
10-08-F815-XXXX (NA)	0.188 (4.78)	0.188 (4.78)	0.062 (1.57)	0.062 (1.57)
19-08-12884-XXXX ⁴ (NA)	0.193 (4.90)	0.193 (4.90)	0.128 (3.25)	0.064 (1.62)
19-08-12158-XXXX ⁴ (NA)	0.250 (6.35)	0.250 (6.35)	0.170 (4.32)	0.062 (1.57)
19-08-C929-XXXX (NA)	0.250 (6.35)	0.250 (6.25)	0.130 (3.30)	0.062 (1.57)
19-08-12885-XXXX (NA)	0.260 (6.60)	0.184 (4.67)	0.140 (3.56)	0.062 (1.57)
19-08-12886-XXXX (NA)	0.320 (8.13)	0.315 (8.00)	0.193 (4.90)	0.197 (5.00)
10-08-3872-XXXX** (006)	0.327 (8.31)	0.235 (5.97)	0.062 (1.57)	0.115 (2.92)
19-08-E622-XXXX (NA)	0.375 (9.53)	0.500 (12.7)	0.187 (4.75)	0.125 (3.18)

* Last four digits should be used to designate material (1215, 1217, 1285, etc.). Smallest sizes may not be extrudable in certain materials. For explanation of superscript codes following XXXX, which indicate non-availability, refer to page 39.

** Slot not centered. Centerline of slot is 0.167 in. (4.24mm) from left edge.

† "X" should be replaced by applicable MIL-G-83528B material type (e.g., A, B, C, etc.). Number in parentheses is MIL-G-83528B dash number, which should be inserted (without parentheses) at end of MIL P/N.

(mm dimensions in parentheses)

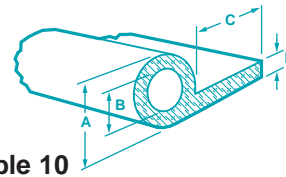


Table 10

HOLLOW P-STRIPS				
Chomerics P/N* MIL P/N: M83528/ 008X†-()	Nominal Dimensions			
	A (dia.)	B (dia.)	C	D
19-06-M151-XXXX ⁴ (NA)	0.125 (3.18)	0.045 (1.14)	0.250 (6.35)	0.062 (1.57)
19-06-Z731-XXXX ⁴ (NA)	0.140 (3.56)	0.100 (2.54)	0.135 (3.43)	0.030 (0.76)
19-06-C442-XXXX ⁴ (NA)	0.164 (4.17)	0.084 (2.13)	0.040 (1.02)	0.095 (2.41)
10-06-M412-XXXX (NA)	0.168 (4.26)	0.047 (1.19)	0.200 (5.08)	0.062 (1.57)
19-06-12931-XXXX (NA)	0.170 (4.32)	0.060 (1.52)	0.205 (5.21)	0.062 (1.57)
10-06-B227-XXXX ⁴ (NA)	0.190 (4.83)	0.130 (3.30)	0.312 (7.92)	0.062 (1.57)
10-06-A778-XXXX (NA)	0.200 (5.08)	0.080 (2.03)	0.215 (5.46)	0.062 (1.57)
10-06-8737-XXXX (NA)	0.200 (5.08)	0.080 (2.03)	0.250 (6.35)	0.062 (1.57)
10-06-8550-XXXX (007)	0.200 (5.08)	0.080 (2.03)	0.275 (6.99)	0.062 (1.57)
19-06-11223-XXXX (NA)	0.200 (5.08)	0.080 (2.03)	0.300 (7.62)	0.062 (1.57)
19-06-12942-XXXX (NA)	0.200 (5.08)	0.080 (2.03)	0.400 (10.16)	0.062 (1.57)
10-06-6175-XXXX (NA)	0.200 (5.08)	0.080 (2.03)	0.550 (13.97)	0.062 (1.57)
10-06-3599-XXXX (001)	0.200 (5.08)	0.080 (2.03)	0.650 (16.51)	0.062 (1.57)
10-06-4142-XXXX (002)	0.250 (6.35)	0.125 (3.18)	0.250 (6.35)	0.062 (1.57)
10-06-3300-XXXX (003)	0.250 (6.35)	0.125 (3.18)	0.375 (9.53)	0.062 (1.57)
10-06-6180-XXXX (008)	0.250 (6.35)	0.125 (3.18)	0.625 (15.88)	0.062 (1.57)
10-06-4921-XXXX (004)	0.250 (6.35)	0.150 (3.81)	0.375 (9.53)	0.062 (1.57)
10-06-C716-XXXX (NA)	0.254 (6.45)	0.153 (3.88)	0.254 (6.45)	0.062 (1.57)
10-06-5611-XXXX (005)	0.312 (7.92)	0.187 (4.75)	0.563 (14.30)	0.062 (1.57)
10-06-2750-XXXX (006)	0.360 (9.14)	0.255 (6.48)	0.420 (10.67)	0.070 (1.79)
19-06-12962-XXXX (NA)	0.410 (10.41)	0.210 (5.33)	0.187 (4.75)	0.070 (1.78)
19-08-L064-XXXX (NA)	0.600 (15.24)	0.400 (10.16)	0.350 (8.89)	0.110 (2.79)
19-06-11384-XXXX (NA)	0.750 (19.05)	0.625 (15.88)	0.725 (18.42)	0.062 (1.57)

* Last four digits should be used to designate material (1215, 1217, 1285, etc.). Smallest sizes may not be extrudable in certain materials. For explanation of superscript codes following XXXX, which indicate non-availability, refer to page 39.

† "X" should be replaced by applicable MIL-G-83528B material type (e.g., A, B, C, etc.). Number in parentheses is MIL-G-83528B dash number, which should be inserted (without parentheses) at end of MIL P/N.