

MF1[®] /SILFX[™] Silicone

PRODUCT AVAILABILITY SHEET

BISCO[®] MF1[®] seat cushion foam provides reliable comfort, longevity, and safety. Available in three firmness ranges, MF1 foam allows engineers to optimize seat designs, providing exceptional passenger comfort all the while reducing weight and size. MF1 foam is a durable seat cushion material that utilizes proprietary silicone technology to deliver a product which maintains firmness and thickness longer than traditional urethane foams. The following guidelines are provided as a reference for designers/ buyers to quickly understand MF1/Silfx[™] foam product availability for their specific application needs. All information provided herein is for reference only.

BLOCK DIMENSIONS

PROPERTY	MF1-35 / MF1-55		MF1-75		SILFX-23
FOAM PROPERTIES	SQUARE	RECTANGLE	SQUARE	RECTANGLE	RECTANGLE
MAXIMUM BLOCK SIZE*, inch	40 x 40 x 7	58 x 28 x 7	40 x 40 x 5	50 x 28 x 6	78 x 29 x 6
mm	1016 x 1016 x 178	1473.2 x 711 x 178	1016 x 1016 x 127	1270 x 711 x 152	1981 x 737 x 152

*MF1 foam can be manufactured to various sizes within the stated maximum size.

SHEET DIMENSIONS

- Sheets can be cut into sizes up to the respective max block size length/width for each grade listed below.
- Sheets can be cut to any thickness ranging from 0.250 in (6.35 mm) up to the respective maximum block size height.
- Sheet/strip widths can be cut to as low as 0.500 in (12.7 mm).
- Cutting charges may apply.

DIMENSIONAL TOLERANCE

- The following dimensional tolerance apply to blocks, sheets, strips and assemblies for MF1/ SILFX foams.

LENGTH AND WIDTH	TOLERANCE
0 to 12 inch (0 to 305 mm)	+/- 1/8 inch (+/- 3.175 mm)
12 to 24 inch (305 mm to 610 mm)	+/- 1/4 inch (+/- 6.35 mm)
24 to 48 inch (610 mm to 1219.2 mm)	+/- 3/8 inch (+/- 9.525 mm)
Over 48 inch (1219.2 mm)	+/- 1/2 inch (+/- 12.7 mm)
THICKNESS	TOLERANCE
0 to 3 inch (0 to 76.2 mm)	+1/8, -1/16 inch (+ 3.175 mm, -1.587 mm)
Over 3 inch (76.2 mm)	+3/16, -1/8 inch (+4.763 mm, -3.175 mm)

WWW.ROGERSCORP.COM ROGERS CORPORATION-HIGH PERFORMANCE FOAMS DIVISION US 800.935.2940 | Europe +32.9.235.36.11 | Asia +86.512.6258.2700

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