

**MASON INDUSTRIES, Inc.**

Manufacturers of Vibration Control Products

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CERTIFIED FOR

JOB NAME :

CUSTOMER :

CUSTOMER P.O. :

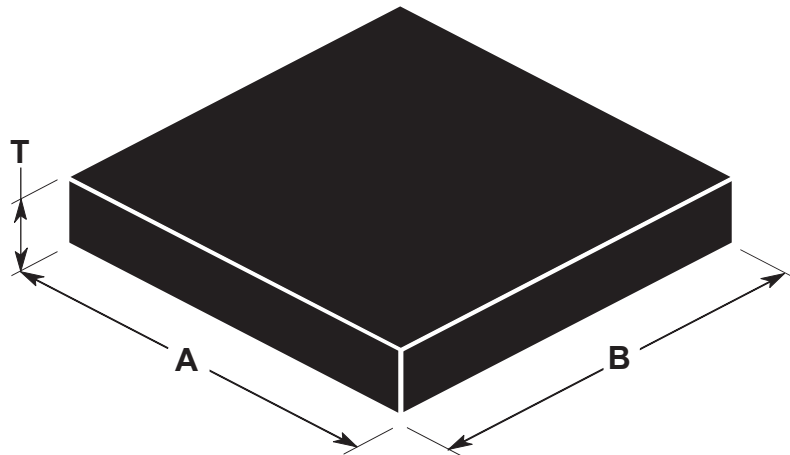
MASON M.I. :

DWG. NO. :

TYPE

BBPBridge Quality
Neoprene
Bearing Pad**Type BBP Thickness**

Size	
[in]	[mm]
1/4	6
3/8	10
1/2	13
5/8	16
3/4	19
1	25
1 1/4	32
1 1/2	38

**BRIDGE BEARING NEOPRENE SPECIFICATIONS**

ORIGINAL PHYSICAL PROPERTIES			TESTING FOR AGING			COMPRES- SION SET	
(a)	(b)	(b)	(c) Oven Aging(70hrs/212° F)	(d) Ozone	(e)		
Duro- meter	Tensile Strength [min.]	Elongat. at Break [min.]	Hard- ness [max.]	Tensile Strength [max.]	Elongat. at Break [min.]	1 ppm in air by Vol.20% Strain 100° F	22hrs/150° F Method B
40±5	2000 psi	450%	+ 15%	± 15%	- 40%	No Cracks	30%(max)
50±5	2500 psi	400%	+ 15%	± 15%	- 40%	No Cracks	25%(max)
60±5	2500 psi	350%	+ 15%	± 15%	- 40%	No Cracks	25%(max)

(a)ASTM D-676 (b)ASTM D-412 (c)ASTM D-573 (d)ASTM D-1149 (e)ASTM D-395

Typical 1" (25mm) Thick 60 duro BBP Loadings

Lower Load at 0.10" Deflection				Maximum Load at 0.15" (3.8mm) Deflection			
Pad Size		Load Range		Pad Size		Load Range	
[in]	[mm]	[lbs]	[kg]	[in]	[mm]	[lbs]	[kg]
2 × 2	51 x 51	300 - 450	135 - 205	8 × 8	203 x 203	20800 - 31200	10635 - 15955
3 × 3	76 x 76	990 - 1485	450 - 675	8 × 12	203 x 305	38400 - 57600	17455 - 26180
3 × 6	76 x 152	2340 - 3510	1065 - 1595	10 × 10	254 x 254	42500 - 63750	19320 - 28980
4 × 4	102 x 102	2400 - 3600	1090 - 1635	10 × 12	254 x 305	55200 - 82800	25090 - 37635
4 × 6	102 x 152	4080 - 6120	1855 - 2780	12 × 12	305 x 305	79200 - 118800	36000 - 54000
6 × 6	152 x 152	7600 - 12000	3455 - 5455	15 × 15	381 x 381	146250 - 219375	66480 - 99715
6 × 8	152 x 203	12000 - 18000	5455 - 8180	18 × 18	457 x 457	243000 - 364000	110455 - 165455
6 × 12	152 x 305	23400 - 35100	9455 - 14180	24 × 24	576 x 576	432000 - 648000	196365 - 294545
Approximate Load Corrections							
1/2" Pads - Twice the load				2" Pads - Half the Load			
40 Duro-55%, 50 Duro-75%, 70 Duro-160% of 60 Duro loadings							

CERTIFICATION DATA

TAG : _____

UNIT: _____

PLAN VIEW OF PAD LOCATION



1 :	6 :
2 :	7 :
3 :	8 :
4 :	9 :
5 :	10 :

Material for One Set :

Sets Required

Type BBP Dimensions [inches]

A	B	T

Durometer of Pad Material to be:

DURO

DWN : _____

CHKD: _____

DATE : _____

DWG NO. : _____