



Attachment 5

Approximate Properties for Preformed Elastomeric Joint Seals Type B  
 Manufacturer's Nominal Properties for Design Data Only

(See Note 4)

Catalog Number (See Note 1)	Uncompressed Size (See Note 3)		Approximate MR (See Note 2)	W <sub>1</sub> Maximum Groove Width	W <sub>2</sub> Minimum Groove Width	Recommended Saw Cut Depth (See Note 4)
	W <sub>o</sub>	D <sub>o</sub>				
Brown H-2502	2.50"	2.50"	1.00"	2.13"	1.13"	4.00"
Brown H-3000	3.00"	3.25"	1.00"	2.55"	1.55"	5.00"
Brown H-3500	3.50"	3.75"	1.50"	2.98"	1.48"	5.85"
Brown H-4000	4.00"	4.06"	1.50"	3.40"	1.90"	6.00"
Brown H-5000	5.00"	5.13"	2.00"	4.25"	2.25"	7.75"
Brown H-6000*	6.00"	5.50"	2.50"	5.10"	2.60"	9.25"
W.B. WA-250**	2.50"	2.75"	1.00"	2.13"	1.13"	3.56"
W.B. WA-300	3.00"	3.38"	1.00"	2.55"	1.55"	4.31"
W.B. WA-350	3.50"	3.50"	1.00"	2.98"	1.98"	4.44"
W.B. WA-400	4.00"	4.38"	1.50"	3.40"	1.90"	5.00"
W.B. WA-500	5.00"	5.00"	2.00"	4.25"	2.25"	5.94"
W.B. WA-600*	6.00"	6.00"	2.50"	5.10"	2.60"	7.75"

\*Rehabilitation Projects only \*\*W.B. – Watson Bowman

Notes:

- Brand names other than those listed may be available.
- The actual Movement Rating equals (W<sub>1</sub> – W<sub>2</sub>).  
 W<sub>1</sub> shall be the smaller of the values determined as follows:
  - 0.85 times the manufacturer's designated minimum uncompressed width of the seal (W<sub>o</sub>).
  - The width of seal on the third successive test cycle of the pressure-deflection test, when compressed to an average pressure of 3.0 pounds per square inch.
 W<sub>2</sub> shall be the width of seal determined on the third successive test cycle of the pressure-deflection test, when compressed to an average pressure of 4 times the pressure measured at the seal width W<sub>1</sub>.
- Data shown may change significantly due to variations in extrusions. Dimensions must be verified in the field.
- Do not use these properties in lieu of actual test results. These properties are for information only. Actual values for W<sub>1</sub>, W<sub>2</sub>, and MR are obtained from test results performed by the Transportation Laboratory on the Report of Inspection of Material (Form TL-29).