



Thermodyn™
Where Your Success Is Sealed

85 Duro Commercial Grade Viton™ “B” Fluoroelastomer

Product Code: Style TH103B

Description: 68% Fluorine commercial grade “B” type fluoroelastomer

Approved specifications: 100% Virgin Terpolymer
Temperature range -20°F to 450°F continuous
ASTM D2000 M2HK607, Z1, Z2, Z3
Z3 - Viton™ “B” Fluoroelastomer

<u>Typical Rubber Properties</u>	<u>Test Method</u>	<u>Typical Value</u>
Hardness (Shore A)	ASTM D2240	85±5 (Z1)
Tensile Strength	ASTM D412	1200 psi min
Elongation	ASTM D412	100% min (Z2)
Modulus @ 100%	ASTM D412	600 nominal
Specific Gravity	ASTM D792	1.88 nominal
Color	Visual	Black

- Thickness & Width as specified.
- This is a high performance, high elongation grade of Viton™ -B fluoroelastomer recommended for use in aggressive media.
- The only filler is MT carbon black.
- This gasket is based upon only 100% Virgin Chemours Viton™ fluoroelastomer with 68% fluorine. No substitutions will be accepted.

Virgin Viton™ fluoroelastomer is defined as polymer supplied by The Chemours Company, and processed by a licensed Chemours Company Viton™ manufacturer, no scrap, re-grind, or re-processed fluoroelastomer compound shall be added to it.

Thermodyn products are manufactured to general RMA standards and meet the above data sheet guidelines. It is the responsibility of the end user to qualify the material to its intended application. Defects or damage resulting from misuse or mishandling are not covered by Thermodyn's limited liability policy. Values covered in this data sheet are nominal values that we believe to be accurate and reliable for purposes of qualification in end use applications.

Viton™ is a registered trade name of The Chemours Company



THERMODYN CORPORATION
3550 Silica Road, Sylvania Ohio 43560 U.S.A.
PH: 419-841-7782 Toll-Free: 1-800-654-6518 (North America Only) Fax: 419-841-3139
WWW.THERMODYN.COM

