

JMLU2.MH47620 - GASKETS AND SEALS - COMPONENT

Gaskets and Seals - Component

See General Information for Gaskets and Seals - Component

CGR PRODUCTS INC
4655 U S 29 N
Greensboro, NC 27405 USA


MH47620

Cellular Material

Compound Dsg.	Max Svc Temp (°C)	Min Svc Temp (°C)	Density (pcf)	Tensile Str (psi)	Elong (%)	Max Comp Set (%)
EPDM (closed cell rubber)						
5031 (a)	60	10	-	66	118	34.6
	End Use: Suitable for UL 50E continuous and periodic compression applications for enclosures Types 2, 3, 3X, 3R, 3RX, 3S, 3SX, 4, 4X, 5, 6 and 6P					
8002 (b)	60	10	-	93	141	16.5
	End Use: Suitable for UL 50E continuous and periodic compression applications for enclosures Types 2, 3, 3X, 3R, 3RX, 3S, 3SX, 4, 4X, 5, 6, 6P, 12, 12K and 13 including oil immersion					
DK1111LD (c)	60	40	-	109	125	16.5
	End Use: Suitable for UL 50E continuous and periodic compression applications for enclosures Types 2, 3, 3X, 3R, 3RX, 3S, 3SX, 4, 4X, 5, 6 and 6P For reference only: DK1111/9816 has been discontinued					

The final acceptance of a gasket material in a specific end-use application is dependent on its installation and use, and may require additional evaluation with respect to ingress or leakage of solids (such as dusts), liquids or gases, or other features dependent on the design and construction of the equipment in which it is used.

- (a) - Suitable for use with 9824 adhesive when affixed to polypropylene surfaces.
- (b) - Suitable for use with 702P adhesive when affixed to aluminum, galvanized steel, stainless steel and powder painted surfaces.
- (c) - Suitable for use with 9816 adhesive when affixed to aluminum, galvanized steel, stainless steel polypropylene and powder painted surfaces.

Marking: Company name, compound designation and the Recognized Component Mark,  on the material, on a substantial tag, on the container or the smallest packaging.

Last Updated on 2018-09-24

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

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TEST RECORD NO. 1

SAMPLES:

A sample of the 8002/702P gasket system as indicated below and constructed as described herein, was submitted by the manufacturer for examination and test.

System 8002/702P gasket system is comprised of cellular gasket compound 8002 employing 702P adhesive.

GENERAL:

Test results relate only to the items tested.

The following tests were conducted.

Compression Set Test:	UL 157 Section 7
Low Temperature Test:	UL 157 Section 10
Tensile Strength And Elongation:	UL 157 Secs. 5, 6 And 11 UL 50E Section 8.13.2.1
Visual Examination And Hand Flexing:	
Volume Change - By Liquid Displacement	UL 157 Section 11 UL 50E Section 8.13.4
Density Of Foamed Materials	
Adhesion Test:	UL 157 Section 13
Compression Test	UL 50E Section 8.13.3

Baseline as received values for adhesion percent retention following conditioning were established using results found in Test Record supplement TR-1-DS-2 and compared to the previously evaluated samples from TR-1-DS-1 to determine compliance following adhesion conditioning in UL 157 section 13.

Test Record Summary:

The results of this investigation indicate that the products evaluated comply with the applicable requirements in Standard for Gaskets and Seals, UL157, second edition (Revisions through March 12, 2007), UL 50 "Enclosures for Electrical Equipment", Eleventh Edition dated September 12, 2003 and UL 50E "Enclosures for Electrical Equipment, Environmental Considerations", First Edition dated September 4, 2007 therefore, such products are judged eligible to bear UL's Mark as described on the Conclusion Page of this Report.

Any information and documentation involving UL Mark services are provided on behalf of Underwriters Laboratories Inc. (UL) or any authorized licensee of UL.

TEST RECORD NO. 1

SAMPLES:

A sample of the 5031/9824 gasket system as indicated below and constructed as described herein, was submitted by the manufacturer for examination and test.

System 5031/9824 gasket system is comprised of cellular gasket compound 5031 employing 9824 adhesive.

GENERAL:

Test results relate only to the items tested.

The following tests were conducted.

Compression Set Test:	UL 157 Section 7
Low Temperature Test:	UL 157 Section 10
Tensile Strength And Elongation:	UL 157 Secs. 5, 6 And 11 UL 50E Section 8.13.2.1
Visual Examination And Hand Flexing:	
Density Of Foamed Materials	
Adhesion Test:	UL 157 Section 13
Compression Test	UL 50E Section 8.13.3

Test Record Summary:

The results of this investigation indicate that the products evaluated comply with the applicable requirements in Standard for Gaskets and Seals, UL157, second edition (Revisions through March 12, 2007), UL 50 "Enclosures for Electrical Equipment", Eleventh Edition dated September 12, 2003 and UL 50E "Enclosures for Electrical Equipment, Environmental Considerations", First Edition dated September 4, 2007 therefore, such products are judged eligible to bear UL's Mark as described on the Conclusion Page of this Report.

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