

SPECIFICATION DATA SHEET



NI-2085

Standard/Nonasbestos Gasket Material
F723940E49M5

DESCRIPTION

NI-2085 has a nitrile butadiene rubber binder for resistance to water, coolant, oil and fuel. It has excellent strength and sealability characteristics, and is intended for applications with short duration maximum temperatures up to 190°C (375°F).

SPECIFICATION PROPERTIES

Property	Value	Method
Density, g/cc(lb/cu.ft)	1.36 (85) (min.)	ASTM F 1315
Compressibility, % (at 34.5MPa)	10 - 20	ASTM F 36
Recovery, %	40 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)	10.34 (1500) (min.)	ASTM F 152
Fluid Resistance, IRM903 Oil Change in Tensile Strength, % Change in Thickness, % Change in Weight, % Change in Compressibility, %	40 (max.) 20 (max.) 30 (max.) 30 (max.)	ASTM F 146
Fluid Resistance, Fuel B Change in Thickness, % Change in Weight, %	20 (max.) 30 (max.)	ASTM F 146
Binder Type	Nitrile Butadiene	

REMARKS AND RELATED DOCUMENTS

Specification values determined by the test methods required for ASTM F-104, Type 7 materials.

SPECIFICATION DATA SHEET



NI-2085

Standard/Nonasbestos Gasket Material
F723940E43M6

Revision	Requester	Description of Change	Director of Product Engineering	Regional Sales Director	Segment Manager	Date of Change
0	Initial Data Sheet					
A	L. Gindlesperger	Updated Data Sheet Template with Company Logo, Company Locations, and added 2nd page with Change Log.	N/A	N/A	R. Lavertu	5/28/21
?	M. Janssen	Updated Recovery, Tensile, IRM903 Tensile, Thickness, and Compressibility Change and Fuel B Thickness Change.	N/A	T. Donahue	R. Lavertu	4/14/22

Interface Performance Materials®, EnCore®, Hydro-Fused®, MicroPore®, Pro-Formance®, Select-a-Seal®, Syntheseal®, Thermo-Tork®, and Voltoid® are registered trademarks of Lydall Performance Materials (US), Inc.

WARNING: The description and performance data provided herein constitute a material specification for quality control purposes, but do not imply suitability for use in a specific application. Your specific application should not be undertaken with-out independent study and evaluation for suitability. Failure to select proper sealing products may result in either property damage or personal injury. For specific application recommendations, contact Lydall Performance Materials (US), inc. (LPM). LPM EXPRESSLY DISCLAIMS ALL WARRANTIES EITHER EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL LPM BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL OR PUNITIVE DAMAGES, HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THE INFORMATION CONTAINED IN ITS SPECIFICATION DATA SHEETS, ITS PRODUCTS OR THEIR FUTURE USE BY YOU OR ANY THIRD PARTIES, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Form A-5099
Effective 04/22
© 2022 Alkegen
All Rights Reserved
Page 2 of 2

Alkegen

Email: info@Alkegen.com

Telephone: North America & Asia

+1 603 332 4600

Europe, Middle East & Africa

+33 (0) 2 97 28 5300

