



Specification Data Sheet



N-8094

Syntheseal[®]/Nonasbestos Gasket Material F729900E99M9

Description:

N-8094 is a low density material that conforms well to irregular flange surfaces and has very good crush resistance at high flange pressures. It is intended for sealing oils, fuels, and water in applications with short duration maximum temperatures up to 180°C (350°F).

Property:

Specification:

Method:

Density, g/cc(lb/cu.ft)	0.87 (54) (min.)	ASTM F 1315
Compressibility, % (at 34.5MPa)	28 - 42	ASTM F 36
Recovery, %	20 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)		ASTM F 152
Greater Than 1.2mm Guage	6.90 (1000) (min.)	
All Other Gauges	8.62 (1250) (min.)	
Fluid Resistance, IRM903 Oil		ASTM F 146
Change in Tensile Strength, %	30 (max.)	
Change in Thickness, %	7 (max.)	
Change in Compressibility, %	30 - 45	
Fluid Resistance, Fuel B		ASTM F 146
Change in Thickness, %	7 (max.)	
Change in Weight, %	25 - 50	
Binder Type	Nitrile Butadiene	

Remarks and Related Documents:

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

EnCore, Hydro-Fused, Pro-Formance, Select-a-Seal, Syntheseal, Thermo-Tork, and Voltoid are registered trademarks of Interface Solutions, Inc. MicroPore is a trademark of Interface Solutions, 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 without 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 Interface Solutions. INTERFACE SOLUTIONS 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 ISI 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.

North American Sales Office:

Interface Sealing Solutions
22260 Haggerty Road , Suite 200
Northville, MI 48167

Tel: (248) 596-2800
Fax: (248) 596-2880

Corporate Headquarters

Interface Solutions, Inc.
216 Wohlsen Way
Lancaster, PA 17603-4043
717-207-6000

[HTTP://WWW.SEALINFO.COM](http://www.sealinfo.com)

Previous Revision Date: 07-10-2013

Latest Revision Date: 07-11-2013

© 2015 INTERFACE SEALING SOLUTIONS | Phone: 1-877-9GASKET | [PRIVACY POLICY](#) | [SITE MAP](#)

[close window](#)