

# NI-2098

## Standard/Nonasbestos Cylinder Head Facing Material F729990E52M2

### Description:

NI-2098 is a heavy-duty cylinder head facing material that is used with both solid and perforated metal cores. It is a non-asbestos material with nitrile butadiene rubber binder, and is compatible with most polymers used in bead printing processes.

### Specification Properties:

Property	Value	Method
Density, g/cc(lb/cu.ft)	1.19 (74) (min.)	ASTM F 1315
Compressibility, % (at 34.5MPa)	15 - 30	ASTM F 36
Recovery, %	20 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)	1.72 (250) (min.)	ASTM F 152
Weight Loss on Ignition, % (at 815°C)	30 (max.)	ASTM F 495
Fluid Resistance, IRM903 Oil		ASTM F 146
Change in Thickness, %	20 (max.)	
Change in Weight, %	55 (max.)	
Fluid Resistance, Fuel B		ASTM F 146
Change in Thickness, %	10 (max.)	
Change in Weight, %	40 (max.)	
Fluid Resistance, Glycol/Water 50/50		ASTM F 146
Change in Thickness, %	20 (max.)	
Change in Weight, %	75 (max.)	
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®, MicroPore®, Pro-Formance®, Select-a-Seal®, Synthesseal®, Thermo-Tork®, and Voltoid® are registered trademarks of Interface Performance Materials, Inc. Select-a-Shield is a trademark of Interface Performance Materials, 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 Performance Materials. INTERFACE PERFORMANCE MATERIALS 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.

Specification Data Sheet

Revised 07/01/15

©2015 Interface Performance Materials, Inc.

**Seal & Design**  
**Corporate Headquarters**  
**Ph: (716)-759-3344**  
**Info@SealAndDesign.com**  
**www.SealAndDesign.com**

For more information, please visit  
[www.InterfaceMaterials.com](http://www.InterfaceMaterials.com) or contact

WORLD HEADQUARTERS  
Interface Performance Materials, Inc.  
216 Wohlsen Way  
Lancaster, PA 17603  
USA  
+1.717.207.6000

TECHNICAL CENTER  
Interface Performance Materials, Inc.  
215 Wohlsen Way  
Lancaster, PA 17603  
USA  
+1.717.207.6000

NORTH AMERICA  
Interface Performance Materials, Inc.  
22260 Haggerty Road, Suite 200  
Northville, MI 48167  
USA  
+1.248.596.2800

ASIA PACIFIC  
Interface Sealing Solutions Shanghai Co., LTD  
Unit 14F, No. 728  
Yan An Road West, Changning District  
Shanghai 200050  
China  
+8621.5238.5650

EUROPE & SOUTH AMERICA  
Interface Sealing Solutions Europe  
Lili Pean, Le Bourg  
Bonloc 64240  
France  
+33.5.5929.1220

GERMANY  
Interface Performance Materials  
Altenkirchen GmbH  
P.O. Box 12 63  
Koblener Strasse  
Altenkirchen D-57610  
Germany  
+49.2681.80020

**Interface**  
Performance Materials