

# Specification Data Sheet

## CMP-4000

**Hydro-Fused®/Compressed MicroPore® Gasket Material  
F722930E22M9**

### DESCRIPTION

CMP-4000 is a high performance, compressed MicroPore material, combining a unique synthetic fiber matrix and fully cured nitrile butadiene rubber binder. It has excellent sealability and torque retention properties and is recommended for short duration maximum temperatures up to 350°C (650°F). Typical OEM and Industrial applications include engine, transmission, hydraulics, pumps, valves, pipes, and compressors that operate from -40°C to 150°C and from 0 to 40 Bar internal pressure. Applications outside this temperature and pressure range can be considered with proper validation testing.

### SPECIFICATION PROPERTIES

Property	Value	Method
Compressibility, % (at 34.5MPa)	5 - 15	ASTM F 36
Recovery, %	50 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)		ASTM F 152
Less Than 0.8mm Guage	13.60 (1968) (min.)	
All Other Guages	18.60 (2700) (min.)	
Fluid Resistance, IRM903 Oil		ASTM F 146
Change in Tensile Strength, %	25 (max.)	
Change in Thickness, %	10 (max.)	
Change in Weight, %	20 (max.)	
Fluid Resistance, Fuel B		ASTM F 146
Change in Thickness, %	10 (max.)	
Change in Weight, %	15 (max.)	
Fluid Resistance, IRM901 Oil		ASTM F 146
Change in Thickness, %	5 (max.)	
Binder Type	Fully Cured Nitrile Butadiene Rubber	
Color	Grey	

### 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 Solutions, Inc. Select-a-Shield 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.

Form A-5766  
Effective 02/25  
© 2025 Alkegen  
All Rights Reserved

**Alkegen**  
Headquarters  
5215 N. O'Connor Blvd, Suite 2300  
Irving, TX 75039  
Telephone: 716-768-6500  
Website: [www.alkegen.com](http://www.alkegen.com)  
Email: [info@alkegen.com](mailto:info@alkegen.com)