



## Specification Data Sheet



### **D-7201**

#### **Hydro-Fused<sup>®</sup>/Nonasbestos Gasket Material F729900B4E33M9**

#### **Description:**

D-7201 is a high density, fully cured nitrile butadiene bound gasket material that offers excellent mechanical strength, sealability, and erosion resistance to high pressure, high volume fluid flow and impingement. It is used in heavy duty automatic transmission valve bodies and other heavy duty applications, and is intended for applications with short duration maximum temperatures up to 290°C (550°F).

<b>Property:</b>	<b>Specification:</b>	<b>Method:</b>
Density, g/cc(lb/cu.ft)	1.50 (93.8) (min.)	ASTM F 1315
Compressibility, % (at 34.5MPa)	5 - 20	ASTM F 36
Recovery, %	40 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)	15.86 (2300) (min.)	ASTM F 152
Flexibility, Mandrel Bend, 12 X Ga.	No Cracks	ASTM F 147
Creep Relaxation, %	25 (max.)	ASTM F 38
Sealability, Fuel A, ml/hr	100 (max.) at (400psi/75psi)	ASTM F 37
Fluid Resistance, IRM903 Oil		ASTM F 146
Change in Tensile Strength, %	50 (max.)	
Change in Thickness, %	30 (max.)	
Change in Compressibility, %	20 (max.)	
Fluid Resistance, Fuel B		ASTM F 146
Change in Thickness, %	15 (max.)	
Change in Weight, %	20 (max.)	
Binder Type	Fully Cured Nitrile Butadiene	

#### **Remarks and Related Documents:**

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

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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)

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