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# AUBURN PRODUCT NEWS

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## Auburn Manufacturing Company

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## TN-9000 – Thermo-Tork® Non-Asbestos Gasket Material

### Specification Data Sheet

F729900E33M9

#### Description

TN-9000 has a fully cured nitrile butadiene rubber binder with Aramid fiber. It has good tensile strength, low creep relaxation, and excellent fuel and oil resistance. It is intended for applications with high flange pressures and temperatures, with short duration maximum temperatures up to 400°C (750°F).

Property:	Specification:	Method:
<b>Density</b> , g/cc (lb/cu. ft.)	1.44 (90) (min.)	ASTM F 1315
<b>Compressibility</b> , % (at 34.5Mpa)	7 – 17	ASTM F 36
<b>Recovery</b> , %	50 (min.)	ASTM F 36
<b>Tensile Strength</b> , AMD,Mpa (psi)	17.24 (2500) (min.)	ASTM F 152
<b>Fluid Resistance</b> , IRM903 Oil		ASTM F 146
Change in Tensile Strength, %	35 (max.)	
Change in Thickness, %	10 (max.)	
Change in Compressibility, %	30 (max.)	
<b>Fluid Resistance</b> , Fuel B		ASTM F 146
Change in Thickness, %	15 (max.)	
Change in Weight, %	20 (max.)	
<b>Binder</b>	Fully Cured Nitrile Butadiene	

#### Remarks and related documents:

Specification Values determined by test methods required for ASTM F-104. Type 7 materials.

**Ordering Information:** TN-9000 is available in thicknesses of .015", .020", .025", .031", .047" and .062", in rolls @ 40" wide continuous length or sheets @ 40" x 36". Anti-Stick coating is available and can be applied to one or both sides. **Auburn can die cut, stamp, slit-to-width, strip, sheet, or apply pressure sensitive adhesives to TN-9000 in accordance with your exact specifications.**

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**GASKETS • PADS • SEALS • BUSHINGS • SPACERS**

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