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## 1078 Whitetrile

*Quality Gasket used in General Services*



*JM Clipper 1078 Compressed Sheet Gasketing Material*

	120" x 126"	60" x 126"	60" x 63"
1/64"		✱	✱
1/32"	✱	✱	✱
1/16"	✱	✱	✱
1/8"	✱	✱	✱
1/4"			

As part of JM Clipper's test program, PXT factors are tested at levels well over one million. Our laboratory testing, performed under optimum conditions, can provide some basis for a reasonable comparison of various materials and it can explore probable operating limitations for these materials. However, it cannot possibly duplicate actual operating conditions. The margin of variability, with respect to equipment, installation procedures, and operating environments, is so great that prudent engineering principals should be followed when specifying materials. Therefore, we strongly recommend that you conduct controlled testing under actual operating conditions before accepting a material for your specific application.

For a full description of JM Clipper's Liabilities and Warranties, please contact our Customer Service Department at the number provided and a copy can be mailed or faxed.

The physical or chemical properties of JM Clipper gaskets represent typical average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Check with JM Clipper Corporation to assure current information.

**Style 1078 Whitetrile** is an off-white compressed, NBR/synthetic fiber sheet that is recommended for service where color contamination is a concern. It is also a good choice for cutting intricate gaskets requiring especially clean cuts. With a high-temperature parting agent as a standard surface treatment, 1078 is an excellent choice for general service gaskets.

**1078** is recommended for use on process piping and equipment and all types of machinery. It can be used in mild acids, alkalis, water, steam gases, oils, and gasoline. It can be used in most solvents excluding MEK and high aromatics. 1078 also has excellent sealability in ethylene glycol coolants and silicone fluids.

### Typical Physical Properties

<b>Maximum Operating Properties</b>	<b>1000psi</b>
<b>Maximum Temperature Excursions to</b>	<b>700F (371C)</b>
<b>Continuous Maximum Temperature</b>	<b>500F (260C)</b>
<b>Maximum PXT (psi x F)</b>	<b>350,000 (.062")</b>
<b>Compressibility (ASTM F-36) (1/32" thk)</b>	<b>7-17% (Min)</b>
<b>Recovery (ASTM F-36)</b>	<b>40% (Min)</b>
<b>Sealability (ASTM F-37) N<sup>2</sup> Sg = 1000 psi Sg = 3000 psi</b>	<b>.04 ml/min.</b>
<b>Creep Relaxation (ASTM F-38)</b>	<b>30%</b>
<b>Fluid Resistance (ASTM F-146)</b>	<b>5 Hour</b>
<b>#3 Oil @ 300F Thickness Increase</b>	<b>0-10% Weight Increase (20% Max)</b>
<b>Fuel B @ 70-85F Thickness Increase</b>	<b>0-10% Weight Increase (20% Max)</b>
<b>Tensile Strength (ASTM F-152)</b>	<b>2200 psi (Average)</b>
<b>Density</b>	<b>1.90 g/cm<sup>3</sup></b>
<b>Performance Constants</b>	
<b>M Value</b>	<b>3.5</b>
<b>Y Value</b>	<b>3200</b>
<b>ROTT Testing Data:</b>	
<b>Gb</b>	<b>1403</b>
<b>A</b>	<b>.337</b>
<b>Gs</b>	<b>.29</b>

ASTM F-104 Line Call Out  
**F712130A9B5E32M5T**