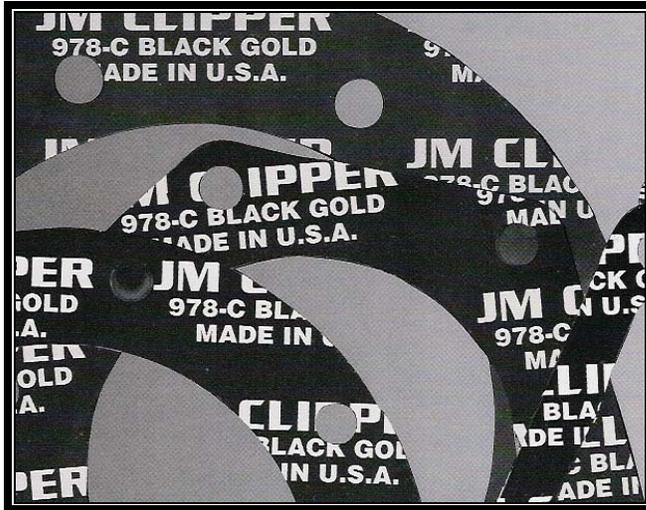




# Style 978-C Black Gold

The High Temperature Workhorse Sheet Packing



**Style 978-C** is a dense, aramid / inorganic fibery reinforced, compressed, NBR sheet with special, high temperature, anti-stick parting agent applied to both sides  
 It's high strength and excellent resistance to hot creep and broad chemical resistance make it an ideal high performance gasket material.

**Application:**

**978-C** can be used for gasketing in piping, machinery, equipment containing water, steam, petroleum based liquids, gases and mild acids or alkalines. It may also be used in most solvents excluding MEK and high aromatics. 978-C also has excellent sealability in ethylene glycol coolants and silicone fluids.

*JM Clipper 978-C 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.

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.

### Typical Physical Properties

Maximum Operating Properties	1000psi
Maximum Temperature Excursions to	700F (371C)
Continuous Maximum Temperature	500F (260C)
Maximum PXT (psi x F)	500,000 (.062")
Compressibility (ASTM F-36)	7-17%
Recovery (ASTM F-36)	40% Minimum
Sealability (ASTM F-37) N <sup>2</sup> Sg = 1000 psi Sg = 3000 psi	.04 ml/min.
Creep Relaxation (ASTM F-38)	21%
Fluid Resistance (ASTM F-146)	5 Hour
#3 Oil @ 300F Thickness Increase	5% Weight Increase (Max)
Fuel B @ 70-85F Thickness Increase	5% Weight Increase
Tensile Strength (ASTM F-152)	2300psi
Density	1.80 g/cm <sup>3</sup>
<b>Performance Constants</b>	
M Value	3.00
Y Value	3000
<b>ROTT Testing Data:</b>	
Gb	1403
A	.337
Gs	.29

ASTM F-104 Line Call Out  
**F712111A9B3E11M6T**

