



BAR SAMPLE  
**ABRASION**  
TEST RESULTS

*Lab Report*

**ABRASION TEST**

The abrasion test employed two bar samples measuring 1" x 3" x 1/4". One of the samples was Kryptane 8008 and the other samples were various materials to be tested against Kryptane. Both materials were rotated at 3900 RPM for 20 hours in a 50/50 - 20 grit silica sand and water slurry at 100° F. Volume loss from each of the eight samples were computed and compared. Included in the test were the most popular abrasion resistant materials available. The other urethanes wore down more than three times faster than Kryptane 8008.

Sample

Relative Volume Loss

KRYPTANE 8008	10
Urethane #1	48
Urethane #2	32
Urethane #3	33
Urethane #4	17
Urethane #5	61
Hardened Tool Steel	270
UHMW Polyethylene	112
Natural Rubber	58

**VOLUME LOSS**

