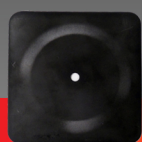
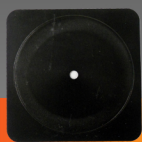


# ABRASION

Taber Abrasion is a test using a weighted abrasive wheel that rotates at a constant speed to determine the resistance of finishes to abrasion and wear, as stated by test standard ASTM D4060. 7 competitive finishes including Cerakote™ H-146 Graphite Black were tested in accordance with ASTM D4060. Each finish was tested three separate times in order to validate the test result. Panel weights and mil thickness were measured prior to the start of each test to determine a wear rating. A 1000 gram weight was placed on a CS-17 Taber Abrasion wheels as required by ASTM testing standards for testing finishes. Panels were cycled until the Taber wheel wore through the finish to the steel substrate. Finishes that required more than 500 cycles to wear through to the substrate were stopped every 500 cycles for the Taber abrasion wheels to be cleaned. Cleaning the Taber wheels every 500 cycles is a requirement to ensure accurate results. Once the Taber wheel has breached the finish, the Taber abrader is stopped and a final weight is taken to determine the wear rating for each finish. Wear ratings are calculated by taking the weight of the test panel before abrasion and subtracting the weight of the test panel after abrasion and multiplying that by 1,000. That number is then divided by the number of cycles completed before the finish was worn through. The resulting number is the specified wear rating for that finish. Based on ASTM testing standard D4060, Cerakote™ Finished Strong by lasting nearly twice as long as the nearest competitive finish and 24 times as long as the furthest competitive finish.



**Ion Bond**  
250 Cycles



**Blueing**  
500 Cycles



**Duracoat**  
641 Cycles



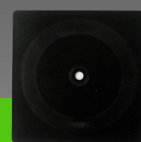
**Parkerizing**  
690 Cycles



**KG GunKote**  
744 Cycles



**Black Oxide**  
3333 Cycles



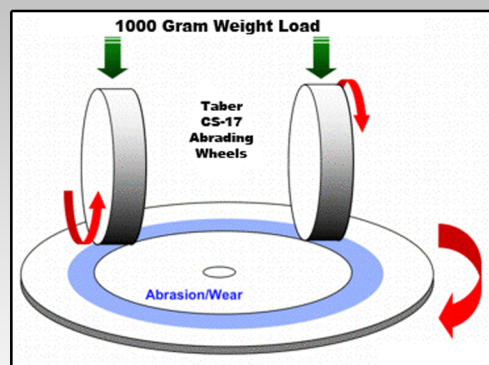
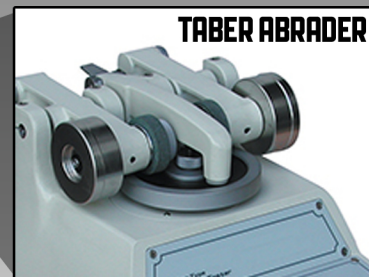
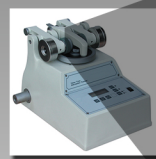
**Cerakote**  
6000 Cycles

**Cerakote™**  
FIREARM COATINGS

## ABRASION: ASTM D4060

### WEAR CYCLES PER MIL

ION BOND	250 CYCLES
BLUEING	500 CYCLES
DURACOAT	641 CYCLES
PARKERIZING	690 CYCLES
GUNKOTE	744 CYCLES
BLACK OXIDE	3333 CYCLES
CERAKOTE GRAPHITE BLACK	6000 CYCLES



**DIVISIONS OF NIC INDUSTRIES:**

**PRISMATIC POWDERS® | CERAKOTE™ FIREARM COATINGS | CERAKOTE™ HIGH TEMPERATURE COATINGS**