

**ASTM F 1970-05 (MODIFIED)  
CUT RESISTANCE TEST****PRODUCT DESCRIPTION:** Slipp-R**CONDITIONING:** In accordance with ASTM D1776 at a temperature  $21^{\circ}\text{C} \pm 3^{\circ}\text{C}$  ( $70^{\circ}\text{F} \pm 5^{\circ}\text{F}$ ) and a relative humidity of  $65\% \pm 5\%$  until equilibrium is reached or for at least 24 hours, whichever is shorter.**REFERENCE:** NFPA 1971-07 Section 7.10.8**SAMPLE TYPE:** Rubber Steel Toe Overshoe**CALIBRATION:** Cut length for 1.5875 mm (0.0625 in.) thick Neoprene using a load of 500 gm.**PRE-TEST CUT LENGTH:** 12.33 mm (A)**POST-TEST CUT LENGTH:** 12.12 mm (B)**AVERAGE CUT LENGTH:** 12.23 mm (CB)  
( $A + B/2 = \text{CB}$ )**BLADE SHARPNESS CORRECTION FACTOR:** 0.96  
( $12.7/\text{CB mm} = \text{correction factor}$ )

SAMPLE NO.	CUT LOAD (g)	CUT DISTANCE (mm)	NORMALIZED CUT DISTANCE (mm)*
1	1000	>50	>48
2	1000	>50	>48
3	1000	>50	>48
AVG.		>50	>48