ANSI/ISEA CLASSIFICATIONS

ABRASION RESISTANCE

LEVEL		ABRASION RESISTANCE (CYCLES)	APPLICATIONS	EXAMPLES
Light	ANSI 1 ABR	109-499	Paper/Cardboard Cuts, Light Material Handling, Parts Assembly	**CONTACT™ Foam Latex** #3991
Light-Medium	ANSI 2 ABR	500-999	Paper/Cardboard Cuts, Light Material Handling, Parts Assembly	**COR-GRIP PRO™ Crinkle Latex** #3986P
Medium	ANSI 3 ABR	1,000-2,999	Light Construction, Material Handling, Parts Assembly, Packaging	**MACHINIST™ Nitrile Foam** #3734
Medium-Heavy	ANSI 4 ABR	3,000-9,999	Construction, Light Metal Stamping, Light Glass Handling, Manufacturing	**COMMANDER™ Foam** #3732F
Heavy	ANSI 5 ABR	10,000-19,999	Construction, Metal Stamping, Food Service, Glass Handling	**THRESHOLD™** #3731
Extreme	ANSI 6 ABR	20,000+	Oil & Gas, Mining, Heavy Duty Construction, Demolition, Manufacturing, Metal Fabrication	**COMMANDER™ HV** #3732HV

Abrasion Resistance (ANSI/ISEA 105): Abrasion Resistance is measured as number of rotations on a friction machine before abrasion occurs.

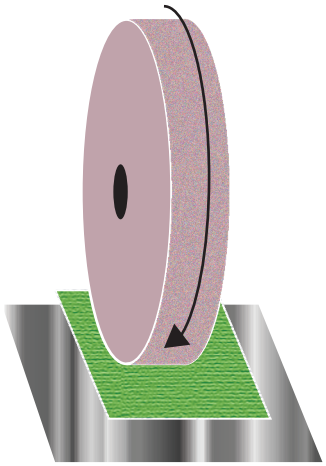

Fig 2. Testing for Abrasion on a Friction Machine