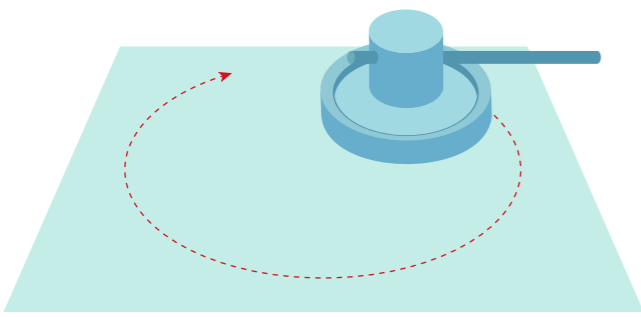


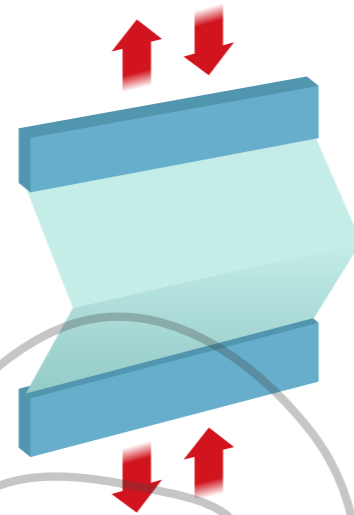
How to Test FABRIC PERFORMANCE?

Abrasion



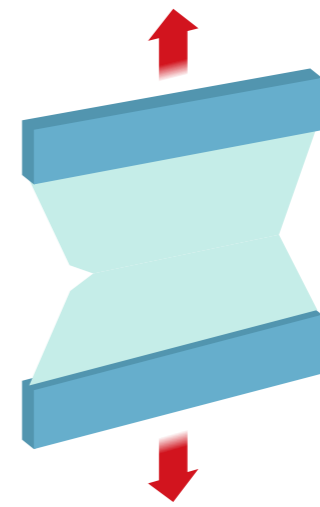
- It is the ability to resist fabric surface rubbing with another material
- Rubbing against abradant paper 00 with 9K Pa pressure

Flex Cracking



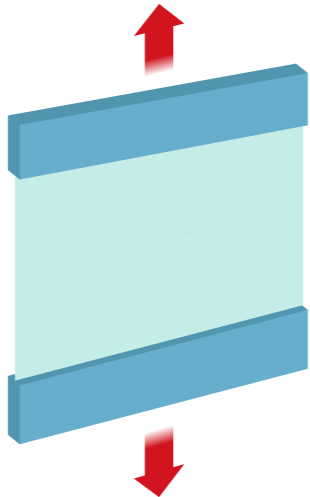
- It is designed to test the ability to withstand flexing without developing cracks
- Continuously bend, twist and stretch fabric until crack

Trapezoidal Tear



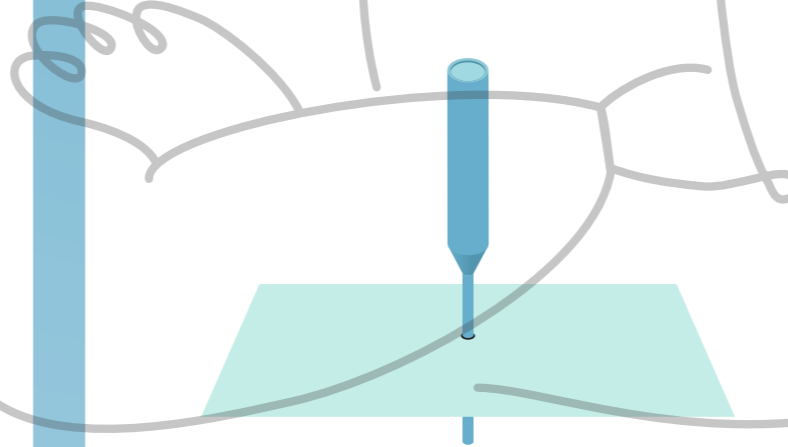
- The test determines tear strength of fabrics
- Torn the fabric sample with trapezoidal shape in both lengthwise and crosswise direction

Tensile



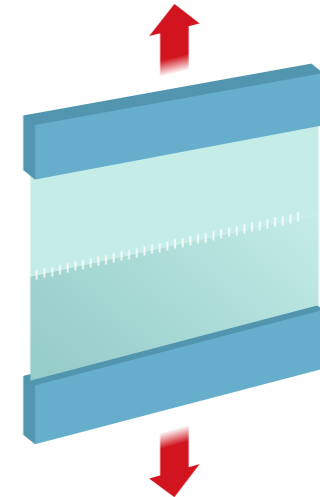
- To analysis of fabric stress, elongation of break
- Expand the fabric sample in both lengthwise and crosswise direction

Puncture



- It denotes the ability to inhibit the intrusion of a foreign force
- Fabric is compressed by a probe until the it ruptures

Seam Strength



- It is designed to know the durability of fabric seam
- Torn the fabric sample in seam portion till break

	Abrasion	Flex Cracking	Trapezoidal Tear	Tensile	Puncture	Seam Strength
Class 1	> 10	> 500	> 10	> 30	> 5	> 30
Class 2	> 100	> 1,250	> 20	> 60	> 10	> 50
Class 3	> 500	> 3,000	> 40	> 100	> 50	> 75
Class 4	> 1,000	> 8,000	> 60	> 250	> 100	> 125
Class 5	> 1,500	> 20,000	> 100	> 500	> 150	> 300
Class 6	> 2,000	> 50,000	> 150	> 1,000	> 250	> 500

