



SiO2 International Inc.

A new way of thinking

SiO2 International Inc. meets the internationally recognized Standards and Safety Certifications followed by its Clients and their industries.

All claims are confirmed by SiO2 International Inc.'s Laboratory and independent certified 3rd party testing facilities.

✓	Has Testing proved that SiO2 Technology is Antimicrobial? Test: AATCC Method 100-2004 on following microbes: <i>S. epidermidis, Corynebacterium xerosis, Bacillus subtilis, Streptococcus pneumoniae, Staphylococcus aureus, Escherichia coli, Pseudomonas aeruginosa</i>
✓	Has Testing proved that SiO2 Technology is Water Resistant? Tests: AATCC Method 22 (ISO 4920) and AATCC 42-2013
✓	Has Testing proved that SiO2 Technology is Oil Resistant? Tests: AATCC Method 118-2007 and ISO 14419-2010
✓	Has Testing proved that SiO2 Technology is Breathable? Test: ASTM E96: Breathability rating (MVT)
✓	Has Testing proved that SiO2 Technology is Washable over 40 times? Tests: AATCC 1355,20,40
✓	Has Testing proved that SiO2 Technology is Abrasion Resistant using Martindale Test Method? Test: ISO 12947-2:1998
✓	Has Testing proved that SiO2 Technology is Abrasion Resistant using Taber Test Method? Test: ASTM D3389-15
✓	Has Testing proved that SiO2 Technology is Flame Resistant on Textile? Test: ASTM D6413 / D6413M13b
✓	Has Testing proved that SiO2 Technology Offers Thermal Protection on Textile? Test: ASTM D 4108-87
✓	Has Testing proved that SiO2 Technology is Static Resistant? Test: AATCC 76-2011
✓	Has Testing proved that SiO2 Technology is Scratch and Abrasion Resistant? Tests: ASTM C1624 and Nano Scratch Test
✓	Has Testing proved that SiO2 Technology Protects Against Corrosion? Test: ASTM B117
✓	Has Testing proved that SiO2 Technology Protects Against UV and Weathering? Test: ISO 4892-2
✓	Has Testing proved SiO2 Technology is Hard? Tests: JIS K 5400, ASTM E384-11e1 and ASTM D3363
✓	Has Testing proved SiO2 Technology has Elastic Properties in its Hardness? Test: ASTM 2546
✓	Has Testing proved that SiO2 Technology is Safe to Human Health and Environment? Tests: RoHS 2015/863 and REACH compliant (EC) No 1907/2006
✓	Has Testing proved that SiO2 Technology is Dermatologically Tested as Skin Safe? Test: HRIPT (Human Repeat Insult Patch Testing) with 50 subjects over 6 weeks.
✓	Has Testing proved that SiO2 Technology is a Non-Irritant and Hypo-Allergenic? Test: HRIPT (Human Repeat Insult Patch Testing) with 50 subjects over 6 weeks. Tested under the control of a Dermatologist.
✓	Has Testing proved that SiO2 Technology Does Not Affect Microsoft Software? Test: Microsoft Tested and Approved

Testing results provided by request only.

416-469-5000 or 1-866-690-SiO2 | lab@siO2.ca

www.sio2.ca

www.sio2liquidglass.com

