



THE FINAL BARRIER AGAINST ABRASION, CHEMICALS AND HEAT

SILTEX® 36-UH AMORPHOUS SILICA CLOTH

SILTEX® 36-UH is a high performance fabric comprised of amorphous silica fibers woven into strong, flexible fabrics designed for use where severe temperature conditions exist. Manufactured to a finished weight of 36 ounces per square yard, the unique properties of SILTEX® 36-UH make it well suited for protection of personnel and equipment against moderate welding splatter, sparks, grinding of metals, etc. SILTEX® 36-UH is also excellent for use in engineered thermal insulation systems.



AVERAGE PHYSICAL PROPERTIES

| | |
|------------------------------------|---------------------------------------|
| Material | 95% Amorphous Silica (+/-1%) |
| Construction | Woven fabric, 12 Harness Satin |
| Coating | Acrylic |
| Weight, oz/sy • g/sm, nominal | 36 (+/- 2.08) • 1200 (+/- 50) |
| Thickness, inches • mm, nominal | .045 (+/- 0.002) • 1.15 (+/- 0.05) |
| Operating Temperature | 1800° F • 982° C |
| Melting Point | 2462° F • 1350° C |
| Tensile Strength, lbs/in • N/2.5cm | 685 x 571 • 3000 x 2500 (warp x fill) |
| Linear Shrinkage, % @ 30 minutes | <14 @ 1832° F • 1000° C |
| Composition | |
| SiO ₂ , % | 95 (+/- 1) |
| Al ₂ O ₃ | 3.5 (+/- 0.5) |
| Width, inches • meters, nominal | 36 • 0.9144 (+/- 5%) |
| Packaging | 50 LY • 45.72 M per roll, standard |

Tolerance is +/- 10% unless otherwise stated.

The technical data presented herein are indicative of representative properties and are intended as a specification guide only. No warranties are expressed or implied as application conditions are beyond our control.

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