

# PRODUCT DATA SHEET

## BAGGES CSF-22

**Product Description:**

Amorphous Silica Fabric is the preferred choice in the thermal protection of equipment and personnel in high temperature applications. BAGGES CSF-22 can withstand molten metal temperatures and can protect personnel and equipment at continuous temperatures up to 1,900°F (1,100°C). BAGGES CSF-22 can be used for fabricating welding drop cloths, stress relief blankets, protective screens/covers, furnace curtains, insulation mats and cable tray wraps. BAGGES CSF Amorphous Silica Fabrics are used extensively in the power generation (nuclear approved), refinery, shipbuilding, ship repair and metal processing industries.

**Features**

- Fireproof
- Resists penetration of weld “slag” and passes welding “burn through” test
- high strength and flexibility
- Easily sewn and fabricated

**Benefits**

- Protects equipment and personnel in the toughest welding applications
- Protects against hot work fires
- Wide product variety (blankets, curtains, mats)

Description	Values	Unit
Silicon Dioxide Content	96	% or greater
Nominal Weight	36/1220	oz./yd <sup>2</sup> /gms/m <sup>2</sup>
Nominal Areal Shrinkage	13	%
Nominal Thickness	0.048/1.22	in/mm
Weave Construction	12	Harness satin
Melt Point	1650	°C
<b>Tensile strength, PLI Initial</b>		
Warp	-	580
Fill	-	415
<b>After 3 hrs @ 1800°F (Remains very flexible)</b>		
Warp	-	195
Fill	-	105

Notes:

1. Standard roll length is 50 yards. Other roll lengths are available.
2. BAGGES CSF-22 is available at widths of 36 and 60 inches.
3. BAGGES CSF Silica fabrics can meet Military Specs MIL-C-24576A (SH) and MIL-I-24244C upon request.
4. A proprietary surface finish is applied for improved handling at low temperatures.
5. BAGGES CS fabrics are amorphous silica textiles, and contain no asbestos or ceramic fibers.
6. Shrinkage data represents areal shrinkage after 30 minutes of exposure time at 1000°C.

All values are nominal unless otherwise specified.

The data mentioned in this data sheet is after our knowledge correct, but we reserve the right to make changes without notice.