

## ARMORWELD®

### PRODUCT PART NUMBER

**18SS1-36-50, 18SS2-36-50,  
36SS1-36-50 and 36SS2-36-50**

**Silicone Coated Silica Welding Cloth**

## PRODUCT DATA SHEET

EMTECH offers four standard silicone coated silica products for optimum abrasion resistance and long life. ARMORWELD® 18SS1 and 18SS2 are comprised of our standard 18S high strength silica cloth and coated either one side or two respectively depending on application requirements. ARMORWELD® 36SS1 and 36SS2 are made from our 36S stock for applications where a heavier or thicker base cloth is needed. The coating is comprised of a premier blend of high temperature red silicone for optimum performance and coverage. Variations of these products are available upon request as well as special color runs. Some of these variations may be susceptible to minimum yardage runs.

### PRODUCT FEATURES:

- High strength and abrasion resistance
- Easy to fabricate
- Available coated 1 side or 2
- Two weights, 18 and 36oz.
- Water and soil resistant
- Resistant to air flow
- Available in special color options
- Various thermal properties for different applications

### APPLICATIONS:

- Removable insulation pads
- Expansion joints
- Industrial bellows
- Engine compartment lining
- Water resistant weld protection
- Die cut gaskets
- Automotive heat shields
- Mufflers and silencers
- Stress relief blankets
- Fireproof building materials
- Heat treat and furnace curtains

	<b>18SS1-36-50</b> 18oz. cloth Coated 1 side	<b>18SS2-36-50</b> 18oz. cloth Coated 2 sides	<b>36SS1-36-50</b> 36oz. cloth Coated 1 side	<b>36SS2-36-50</b> 36oz. cloth Coated 2 sides
Silica content, %	96	96	96	96
Nominal Width, in.	36	36	36	36
Roll length, yds.	50	50	50	50
Fabricweight/ finished weight, oz./sq./yds.	18 / 22	18 / 26	36 / 42	36 / 46
Nominal thickness, in.	.028	.030	.056	.058
Fabric style	8-harness satin	8-harness satin	8-harness satin	8-harness satin
Durometer (A Scale)	50	50	50	50
Fabric Melting point	3100°F	3100°F	3100°F	3100°F
Operating Temperature for Coating	425°F	425°F	425°F	425°F