

ARMORWELD®

PRODUCT PART NUMBER

**18SAA, 18SAG,
36SAA and 36SAG**

Aluminum Coated Silica Welding Cloth

PRODUCT DATA SHEET

EMTECH offers two types of Aluminized Coated Silica. Style **SAA** is our economic industrial coating and style **SAG** is our premium aluminum coating for use in higher temperature. Both coating are a nominal 0.0005 inches in thickness. The aluminization process of **SAG** produces a stronger bond between the cloth and coating for more severe applications.

Both coatings increase esthetic and wear advantages in high temperature protection. **ARMORWELD® Aluminized Cloths** also provides tremendous reflective qualities to further protect equipment and personnel. Aluminum laminates are available upon request.

The base cloth (**18S** or **36S**) can withstand temperatures up to 3000°F. **Note:** the aluminum coating on all **EMTECH** aluminized products will melt at approximately 1500°F and the adhesive will degrade at approximately 400°F. However, the thermal protection is still intact due to the textiles properties.

PRODUCT FEATURES

- Aluminized one-side
- Easy to clean
- High Temperature Silica one-side or Mylar finish (laminated available upon request)
- Easy to fabricate
- Heat reflection
- Superior abrasion resistance
- Aesthetically pleasing

APPLICATIONS

- Expansion Joints
- Welding screens and blankets
- Thermal protection in traffic areas
- Valve and Pipe covers
- Die cut seals and gaskets
- Automotive thermal protection
- Heat shield products
- Clothing

TECHNICAL DATA:	ARMORWELD® 18SAA & 18SAG	ARMORWELD® 36SAA & 36SAG
Base Silica content, %	96	96
Nominal Width, in.	34-35	34-35
Roll length, yds.	50	50
Fabric weight, oz./sq./yds.	18	36
Nominal thickness, in.	.035	.060
Fabric style	8-harness satin	8-harness satin
Operation Temperature (Fabric)	1800°F	1800°F