

# WeldShield 2090 FA-S

## ALUMINUMINIZED FIBERGLASS

### GENERAL DESCRIPTION:

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Aluminum Foil fabric is made from highly texturized silica yarn and is laminated with 0.001” Aluminum Foil.

### APPROVALS/CERTIFICATIONS:

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Manufactured to specification MIL-C-20079(H), Type I, Class 10. Meets or exceeds NFPA 701 Specification for materials that withstand high temperature without supporting combustion. Listed by Underwriters Laboratory to Specification UL-214 for flame propagation and UL-723 test shows 0 flame spread, 0 fuel contribution, and 0 smoke development. Meets U.S. Coast Guard Specification 164.009.

### APPLICATIONS:

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Typical applications include removable insulation pads, vapor shields and flange shields. Recommended for less severe applications requiring heat reflectivity and molten metal splash resistance. Typical industries include safety garment industry, steel, aluminum, copper and other basic metals groups, construction industry, chemical processing plants, petroleum refineries, automotive industry and maritime.

### PHYSICAL PROPERTIES:

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Weight:	8 oz./Square Yard for base fabric 20 oz./Square Yard for foil fabric
Construction: Warp x Fill	20 x 14
Weave:	Plain
*Thickness:	.035”
Breaking Strength: (min)	Warp -200 lbs. Fill -100 lbs.
Abrasion Resistance, Taber:	Cycles to failure using CS 10 wheel with 1000 grams weight resistance at 50% vacuum level-2000 aluminum foil side and 536 fabric side.
Temperature:	Continuous temperatures to 1100 ° F (593°C) for base fabric. Service temperature to 300° F (148° C) for aluminum foil.
K Factor (Heat Conductivity):	0.3399 BTU/inch/hr/sq ft/°F

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### \*CEMICAL RESISTANCE:

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Resists most acids, alkalies and solvents, with the exception of hydrofluoric acid and corrosive environments at elevated temperatures.

### ORDERING INFORMATION:

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Length of roll: 50 yards

Part # HAG-18

\*base fabric

**To the best of our knowledge, the information contained herein is accurate. The information provided is based upon data furnished by our suppliers. However, Mauritzon Inc. assumes no liability whatsoever for the accuracy or completeness of the information contained herein. While believed to be reliable, the information of products are intended for use by skilled persons at their own risk. Final determination of suitability of any material is the sole responsibility of the user. All**

**materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.**