



**ALPHA
ASSOCIATES,
INC.**

ALPHA-WELD

**HIGH
TEMPERATURE
WELDING
FABRICS**



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HIGH TEMPERATURE WELDING FABRICS

For over 30 years Alpha has been working hand-in-hand with the welding industry to develop fabrics that deliver superior performance, long wear and economy in a wide range of applications.

Excellent Thermal Protection and Outstanding Serviceability

ALPHA-WELD fabrics are made of incombustible fiberglass or silica, aramid and carbon, and are all asbestos free. A wide range of proprietary finishes is available to resist molten metal, water, oil, fire and abrasion. The combination of base fabric and advanced coating technology creates fabrics that are custom engineered to a specific end-use.

Extensive Range of Products

ALPHA-WELD products range from cost-effective lightweight curtain materials for containment of sparks and arc-flash to long-wearing heavy-duty fabrics for containing molten slag.



In 2001, Alpha Associates purchased Southern Manufacturing of Charleston, SC, a pioneer in Specialty Textiles and Welding Fabrics. The addition of these capabilities makes Alpha the most diverse and complete supplier of High Temperature Textiles in North America.

RECOMMENDED APPLICATIONS

Style	Vertical Curtain	Horizontal Blanket	Spark & Spray Containment	Arc-Flash Barrier	Stress Relief (to1000°F)	Stress Relief (to1400°F)	Stress Relief (to1800°F)	Grinding Shield	Fire Retardant Weather Protection	Protective Clothing
84215	✓	-	✓	✓	✓	-	-	✓	-	-
2025	✓	-	✓	✓	✓	-	-	✓	-	-
9332	✓	-	✓	✓	✓	-	-	✓	-	-
4032	✓	-	✓	✓	✓	-	-	✓	-	-
2385	✓	-	✓	✓	✓	-	-	✓	-	✓
2150	✓	-	✓	✓	✓	-	-	✓	-	-
25	✓	-	✓	✓	✓	-	-	✓	-	✓
2885	✓	-	✓	✓	✓	-	-	✓	-	✓
35	✓	-	✓	✓	✓	-	-	✓	-	-
3535	✓	-	✓	✓	✓	-	-	✓	-	-
6445	✓	-	✓	✓	-	-	-	✓	✓	-
3260-3	✓	-	✓	✓	-	-	-	✓	✓	-
2300	✓	-	✓	✓	-	-	-	✓	✓	-
8451-S	✓	-	✓	✓	-	-	-	✓	✓	-
8451-SR	✓	-	✓	✓	-	-	-	✓	✓	-
8453-2-SBZ	✓	-	✓	✓	-	-	-	✓	✓	-
Alpha Sil	✓	✓	✓	✓	✓	✓	✓	✓	-	-
1719	✓	✓	✓	✓	✓	✓	-	✓	-	-
10A120	✓	-	✓	✓	✓	-	-	✓	-	✓

✓ = Recommended for this application.

All fabric sold in standard 50 linear yard rolls

TREATMENTS

Cleangard™ An acrylic treatment that reduces lint, itching and irritation, making the fabric easy to handle. Used for safety apparel, welding curtains and blankets.

Thermagard™ Aluminum flake and neoprene treated fabric for applications where abrasion resistance and reflective characteristics are needed. Used for die-cut gaskets, seals and reflective insulators.

Vermiculite 100% inorganic vermiculite treatment that increases temperature range of fabric and facilitates fabrication and handling. Used for heat-shielding blankets, curtains and insulation in furnaces, lighting fixtures and ovens.

Weldgard™ A safety-orange acrylic treatment that reduces lint and increases workability of the fabric.

Weldflex-1™ A neoprene treatment on both sides; self-extinguishing, with excellent workability and flexibility.

Weldflex-P™ A proprietary treatment of neoprene and vermiculite.

Silicone A high temperature (500°F) coating that provides water and oil resistance.

Goldengard™ Designed specifically for safety glove and welding blanket manufacturers. The finish is gold neoprene on one side and gold acrylic on the other. Goldengard provides ease of fabrication, increased abrasion resistance, flexibility and resistance to chemicals and oils.

Neoprene A high temperature (370°F) man-made rubber coating that provides water and oil resistance.

Hypalon® A fire-retardant coating that provides abrasion and water resistance.

9383 Partial heat cleaning that removes most organic compounds. Makes the fabric clean, ties down loose fibers, and allows the material to readily accept adhesives.

AMA A highly reflective lamination of dual metalized polyester that provides excellent flexibility, heat reflectivity and vapor barrier properties for protective clothing applications.

® Registered trademark of the E.I. duPont Co.



PROTECTION...FOR PEOPLE...FOR EQUIPMENT



84215/9383



84215 Vermiculite



2025/9383



2025 Weldgard



2025 Vermiculite



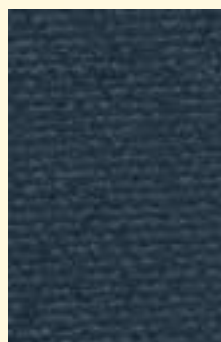
2025 Cleangard



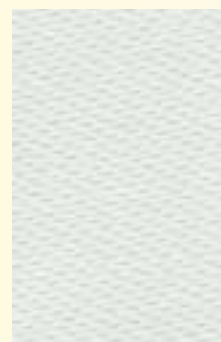
2025/9480



2025 Weldflex-1



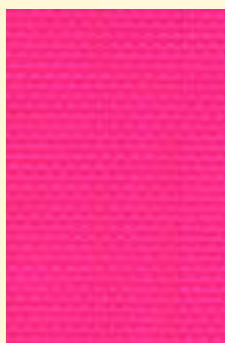
2025 Black
Neoprene



9332



4032 AB
Acrylic



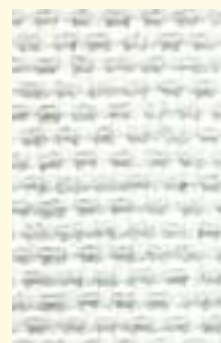
4032 AR
Acrylic



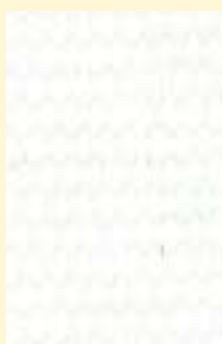
2385 Goldengard



2385 Bluegard



2150



2150 Cleangard



2150 Weldgard



25



25 Vermiculite

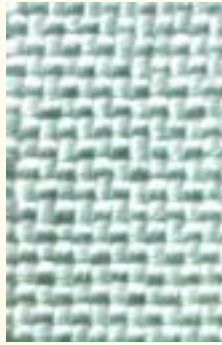


25 Vermiculite

... FOR PRODUCTS ... FOREVER



2885 Goldengard



35



35
Vermiculite



3535 Weldgard



3535 Cleangard



3535 Thermagard



3535 Black
Neoprene



6445
Salmon



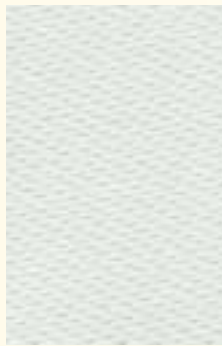
6445
Bulldog Red



3260-3 Hypalon



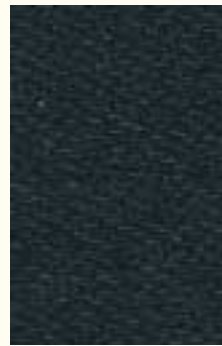
2300 Silicone



8451-S Silicone



8451-SR Silicone



8453-2-SBZ
Silicone



Alpha Sil 600
Vermiculite



Alpha Sil 600 SR
Silicone



Alpha Sil 1000
Vermiculite



Alpha Sil 1000 SR
Silicone



1719



10A120 Weldflex-P



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**PRODUCT
STYLES AND
SPECIFICATIONS**

Style	Color	Treatment	Weight (oz./sq. yd.)	Thickness (in.)	Width (in.)
84215	White	None	8.5	0.020	40, 60, 72
	Tan	9383	8.5	0.020	40, 60, 72
	Tan/Brown	Vermiculite	8.5	0.020	40, 60, 72
2025	White	None	18.0	0.034	40, 60, 72
	Tan	9383	18.0	0.034	40, 60, 72
	Orange	Weldgard	18.0	0.034	40, 60, 72
	Tan/Brown	Vermiculite	19.0	0.034	40, 60, 72
	White	Cleangard	19.0	0.034	40, 60, 72
	Silver/White	Aluminum Foil	20.8	0.034	60
	Black	Weldflex-1	22.9	0.034	40, 60, 72
	Black	Neoprene	27.6	0.034	40, 60, 72
9332	White	None	12.0	0.012	60
4032	Black	Acrylic	13.0	0.015	60
	Red	Acrylic	13.0	0.015	60
2385	Gold	Goldengard	23.0	0.034	40, 60, 72
	Blue	Bluegard	23.0	0.034	40, 60, 72
2150	White	None	24.0	0.050	40, 60, 72
	Tan	9383	24.0	0.050	40, 60, 72
	White	Cleangard	24.5	0.050	40, 60, 72
	Orange	Weldgard	24.5	0.050	40, 60, 72
25	Black	Vermiculite	25.0	0.065	40, 60, 72
	Tan/Brown	Vermiculite	25.0	0.065	40, 60, 72
	White	None	24.0	0.065	40, 60, 72
	Tan	9383	24.0	0.065	40, 60, 72
2885	Gold	Goldengard	28.0	0.053	40, 60, 72
35	White	None	32.0	0.071	40
	Tan	Vermiculite	35.0	0.060	40
3535	Orange	Weldgard	36.6	0.060	60
	White	Cleangard	36.6	0.060	60
	Silver/White	Thermagard	38.6	0.071	60
	Black	Neoprene	48.6	0.071	60
6445	Salmon	Acrylic/Neoprene	14.7	0.015	38, 60
	Bulldog Red	Acrylic/Neoprene	14.7	0.015	38, 60
3260-3	Green	Hypalon	18.0	0.018	48, 60
2300	Gray	Silicone	17.0	0.018	60
8451-S	White	Silicone	34.0	0.037	38, 60
8451-SR	Red	Silicone	32.5	0.037	36, 60
8453-2-SBZ	Black	Silicone	36.0	0.037	38, 60
Alpha Sil 600	Tan	Vermiculite	18.0	0.030	35
Alpha Sil 600 SR	Red/Silver	Silicone	22.0	0.032	35
Alpha Sil 1000	Tan	Vermiculite	34.0	0.050	35
Alpha Sil 1000 SR	Red/Silver	Silicone	35.0	0.050	35
1719	White	None	18.0	0.029	50, 60
10A120	Black	Weldflex-P	22.4	0.060	40, 60, 72

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Stocking Locations

Woodbridge, NJ
N. Charleston, SC
Houston, TX
Los Angeles, CA
Akron, OH

**For more product and capabilities information,
please visit www.alphainc.com**

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