

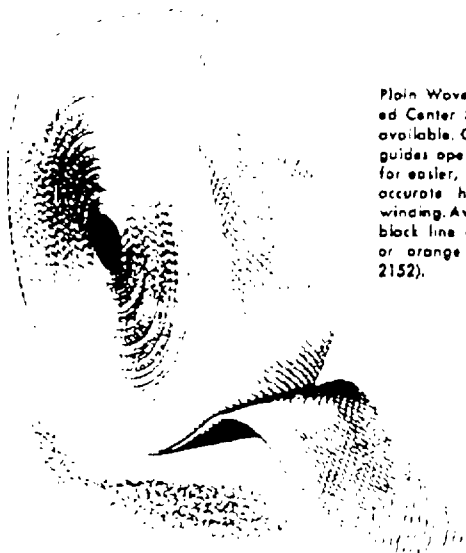
GLASPUN

THE PIONEER FIBER GLASS ELECTRICAL INSULATING TAPE

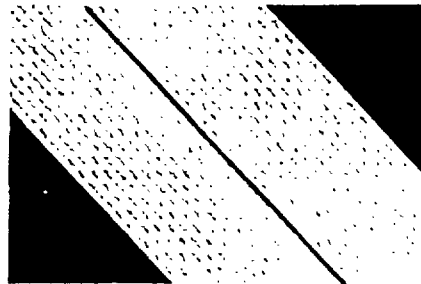
QUALITY-WOVEN
SINCE 1937...BY

PLAINTIFF'S EXHIBIT

DOW-1185



Plain Woven or Colored Center Stripe styles available. Center stripe guides operator's eyes, for easier, faster, more accurate half-lap coil winding. Available with black line (Style 2151) or orange line (Style 2152).



Resistance to moisture, rot, chemicals and high temperatures combined with a high strength—low bulk ratio makes fiber glass textile products the best carrying medium and reinforcement for impregnants used for insulation in electrical equipment. As the first independent fiber glass weaver, Atlas has helped pioneer the development of this versatile insulation in the form of tapes and cloths for many applications. Long experience assures highest quality, uniform weave, wide choice of sizes and styles.

USES—Atlas Glaspun Tapes are used in a variety of electrical apparatus, from small relay coils to turbogenerators. Electric motor windings—field coil wrapping—field coil supports—and armature coil lead separators are popular electrical applications. Glaspun Tape extends motor life—saves space—gives greater design flexibility. Its stability permits fast, tight coil wrapping. Its temperature resistance qualifies for class H—cheaper than other class B materials, and competitive with class A. Thermal, electrical and high tensile properties make Glaspun Tape valuable, too, in flameproofing of cable, protective wrapping of exposed aircraft engine parts and exhausts, etc.

PERFORMANCE CHARACTERISTICS

High Tensile Strength — Stability
Exceptionally high breaking strength—even at high temperatures. Yarns won't shrink, swell or stretch.

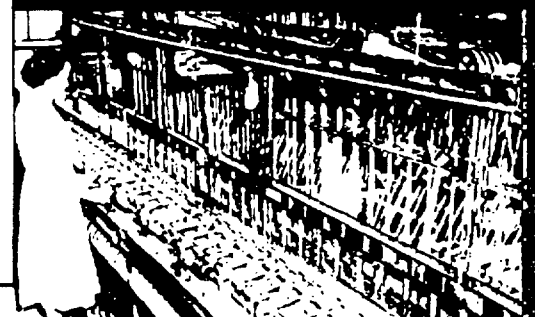
Moisture, Mildew and Rot Resistant
Individual glass fibers do not absorb moisture, or change physically or chemically through moisture contact. Not attacked by fungi or vermin.

Incombustible Yarns won't burn—can be used at higher temperatures than varnishes and impregnants commonly used. Strength declines from 600°F. to limiting temp. of about 1000-1500°F. Softens at 1500°F.; melts at about 1800°F.

High Heat Conductivity Rapidly dissipates heat generated in electrical equipment—reducing "hot spots."

ATLAS GLASPUN WOVEN ELECTRICAL TAPES—UNTREATED

TYPE—WEAVE	STYLE	YARN		STD. WIDTHS		STD. THICK		STD. ROLL LENGTH
		WARP	FILL	MIN	MAX	MIN	MAX	
Continuous Filament Type								
Tight Weave "A"	2171	450	450	1/4"	1 1/4"	.003"	.007"	.003"—72 yd others—36 yd.
Tight Weave "B"	2151	225	450	1/4"	1 1/4"	.005"	.007"	36 yd
Med. Weave "A"	2152	225	225	1/4"	1 1/4"	.005"	.015"	36 yd
Med. Weave "C"	2153	150	150	1/4"	1 1/4"	.005"	.025"	36 yd
Continuous Filament Type Thrd-T Quality								
Tight Weave "B"	2067			1/4"	1 1/4"	.004"	.007"	.004"—72 yd others—36 yd
Med. Weave "A"	2068			1/4"	1 1/4"	.004"	.007"	others—36 yd
Staple Fiber Type								
O-CESS-13A	2275			1/4"	2"	.010"	.025"	36 yd
Modern	2544			1/4"	3"	.010"	.060"	36 yd or 100 ft.



ATLAS ASBESTOS COMPANY

NORTH WALES, PA., U.S.A.
MANUFACTURERS SINCE 1922

ST0211525

ST0211525

OTHER GLASPUN

TEXTILES

WOVEN TAPES for Plastic Reinforcement, treated or untreated

WOVEN TAPES for Pipe Lagging (Military Specs MIL C-20079B and JAN-G-742), treated or untreated.

TUBING braided or woven — continuous filament and staple fiber, for thermal insulation and wicking applications

WOVEN CLOTHS for Electrical Insulation and Plastic Laminating, Tooling and Boat Building by Plastic Reinforcement, and Filter Fabrics. Continuous filament and staple fiber types, electrical and chemical grades. Untreated or treated

TREATMENTS available: 2190 (114), Volan, A 172, A 1100, 2276 (112)

SPECIALTIES — Custom-weave cloths, tapes, tubing and rope, glass fiber or combined with other synthetics or asbestos.

ATLAS ASBESTOS TEXTILES

WOVEN TAPES — Underwriters Grade for Electrical Insulation, such as motor windings. Low iron content, high grade yarn. Incombustible, resists moisture, corrosion, alkalis, mild acids, vermin. Conforms to ASTM specs. **Commercial Grade** for Thermal Insulation — flame-proofing lead-sheathed cable, making packings, gaskets, etc. Plain or Metallic type for highest tensile strength

CLOTHS for Thermal Insulation — packings, safety clothing, pipe insulating jackets, fire blankets, theatre and welding curtains, laminated plastics, conveyor belts, etc. Available untreated in all ASTM grades, various weights and weaves

BRAIDED TUBING AND ROPE — Flexible sleeving for electrical and thermal uses. Underwriters and Commercial grades, ASTM specs

SPECIALTIES — Custom weave cloths, tapes, tubing and rope — also combined with fiber glass. Fibre asbestos tape and cloth available.

Why You Can Buy with CONFIDENCE . . . from

ATLAS

Since 1922 Atlas has specialized in industrial textiles, putting all resources into the development and improvement of insulating and structural fabrics. Atlas quality has aided many original equipment manufacturers in building better products. In world-wide trade, too, Atlas is known for always dependable service. A single source for tapes, cloths, tubings — asbestos and glass.

CUSTOM-WEAVING FOR SPECIAL REQUIREMENTS

Whatever your need for tapes or cloths may be, look into Atlas' wide experience and modern facilities for custom weaving a variety of fabrics . . . from asbestos and glass fibers to the newest synthetics and even ceramics withstanding service temperatures up to 2000° F. Orlon, Dacron, Teflon, Nylon and Dynel fabrics, plain or in combination with glass fiber, are available from Atlas. Bring us your problem!

OTHER ATLAS PRODUCTS

Brake Linings and Automotive Replacement Parts. Industrial Textiles and Replacement Parts. Packings and Gaskets. Stove and Pocket Lighter Wicks. Plumbing Joint Runners.

STD214526

ATLAS

Asbestos and

Fiber Glass

Textiles



ATLAS ASBESTOS CO.
NORTH WALES, PA., U.S.A.
MANUFACTURERS SINCE 1922