



Claretex pad and lagging fabrics are 100% glass textiles that are texturized for maximum coverage and ease in processing. Claretex fabrics are asbestos-free and are available in many finishes and treatments while still offering the high-temperature resistance of glass textiles.

Applications

- Removable insulation pads for thermal and acoustical applications
- Protective lagging for pipe insulations
- Stress-relieving blankets
- Flange and valve covers
- Safety clothing
- Welding blankets
- Heat shields and spray diffuser shields
- Asbestos encapsulation
- Expansion joints
- Tadpole tapes and high-temperature gaskets
- Any other applications where high-temperature protection is required

Specification Compliance

- MIL-C-20079
- MIL-I-24244
- USCG 164.009
- NRC 1.36

Features and Benefits

- Good drapeability
- Conforms to irregular surfaces
- Easily cut and fabricated
- Asbestos-free and non-toxic
- Will not decay, sustain mold, or absorb odors
- Will not contribute to metal corrosion
- Excellent resistance to sunlight and age

Finishes

A557/Lageeze: A heat cleaning process removes starches and lubricants from fabric, providing a multi-purpose pad covering and lagging finish with good hand, minimal dust, and ease of fabrication. 1925 A557 is ideal for fabricating removable insulation pads.

Diplag: A pre-applied, water activated adhesive finish used for lagging. After fabric has dried, normal sizing or painting is required. Diplag's water-activated adhesive finish makes for easy application, saving time and money.

Aluminized: A 0.001-inch foil is laminated to Claretex fabric with a fire-retardant thermoplastic adhesive.

1925 A557 Physical Properties	
Weave	Plain
Thickness	0.0248 in. (0.623 mm)
Weight	17.7 oz./sy ± 10% (600 gm/sm)
Breaking Strength	Warp: 200 lb/in. Fill: 155 lb/in.
Count	20 ends/in. 14 picks/in.
Max Use Temperature	1000 °F (540 °C)
Mil-Spec	MIL-C-20079, TY-I, CL-9

84205 A557 Physical Properties	
Weave	Plain
Thickness	0.020 in. (0.50 mm)
Weight	8.5 oz./sy ± 10% (288 gm/sm)
Breaking Strength	Warp: 100 lb/in. Fill: 40 lb/in.
Max Use Temperature	1000 °F (540 °C)
Abrasion Resistance	Low
Solvent Resistance	Excellent
Mil-Spec	MIL-C-20079, TY-I, CL-3

Lageeze 12 Physical Properties	
Weave	Plain
Thickness	0.026 in. (0.66 mm)
Weight	12.8 oz./sy ± 10% (434 gm/sm)
Breaking Strength	Warp: 100 lb/in. Fill: 60 lb/in.
Max Use Temperature	1000 °F (540 °C)
Abrasion Resistance	Medium
Solvent Resistance	Excellent
Mil-Spec	MIL-C-20079, TY-I, CL-7

1925 Alum Physical Properties	
Weave	Plain
Thickness	0.026 in. (0.6604 mm)
Weight	19.5 oz./sy ± 10% (661.2 gm/sm)
Tensile Strength	Warp: 250 lb/in. Fill: 250 lb/in.
Tear Strength	Warp: 50 lb/in. Fill: 50 lb/in.
Burst Strength	550 psi (38.7 kg/scm)
Flame Resistance	Char length: 1 in. max. Afterglow: 1 sec. max. Flame out: 1 sec. max.
Service Temperature	300-350 °F (149-177 °C)
Mil-Spec	MIL-C-20079, TY-I, CL-10

Diplag Physical Properties		
	Diplag 12	Diplag 95
Weave	2-end plain	2-end plain
Weight	22 oz./sy ± 10% (746 gm/sm)	14.2 oz./sy ± 10% (481.5 gm/sm)
Construction (Warp)	20 ± 2 yarns/in.	18 ± 2 yarns/in.
Construction (Fill)	16 ± 2 yarns/in.	14 ± 2 yarns/in.
Breaking Strength (Warp)	125 lb/in.	80 lb/in.
Breaking Strength (Fill)	80 lb/in.	40 lb/in.
Count	20 ends/in. 16 picks/in.	18 ends/in. 14 picks/in.
Mil-Spec	MIL-C-20079, TY-I, CL-8	MIL-C-20079, TY- I, CL-6

* The information included in this data sheet is subject to normal manufacturing and testing variances. It is supplied only as a technical service and is subject to change without notice.