



DAVIS-STANDARD®

Where your ideas take shape.

Extrusion Coating & Laminating



Fabric

Overview

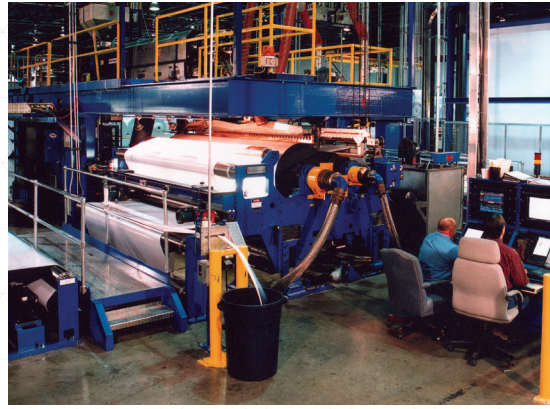
Woven & Non-Woven Fabric Coating Process .
Davis-Standard, LLC has become the world leader in developing and manufacturing extrusion coating machinery for the fabric coating/laminating industry. This is the result of our dedicated research and development programs, as well as our strong sales and service presence throughout North American, European and Asian markets. Our knowledge of the rapidly changing global marketplace, and our concern for our customer's product quality, production rate, scrap rate, and machine efficiency, make Davis-Standard, LLC the vendor of choice.

Features

End Products Include:

- Tarpaulins for Industrial Covers
- Tarpaulins for Recreational Applications
- Industrial Bulk Containers
- Advertisement Canopies & Banners
- Life Saving Restraint / Rescue Systems
- Lumber Wrap
- Temporary Building Shelters
- Building Wrap
- Mining Barriers
- Roofing Membranes & Under Layment
- Pond Liners / Waste Management Basins
- Acoustical & Thermal Insulation Barriers

Fabric



TYPICAL SPECIFICATIONS

Widths	24-200 inches (600-5100 mm)
Line Speeds	20-1650 fpm (6-500 mpm)
Tension Range	0.25-10 pli (0.0025-0.9 kg/mm)
Unwind Diameter	10-72 inches (250-1830 mm)
Winder Diameter	10-72 inches (250-1830 mm)
Extrusion Systems	2.5-8 inches (65-200 mm) single and twin screw extruders being utilized in mono and coextrusion applications
Coating Thickness	0.0005-0.100 inches (12-2500 microns)
Materials Processed	LDPE, HDPE, LLDPE, PP, PA, PVC PU and a multitude of engineered resins in pellet or powder form

WEB HANDLING

Uniform "pick lines", streamlining the web path for difficult weave substrates, maintaining uniform web temperature during the entire process (before and after the polymer is applied) to prevent web curl and advanced transfer mechanisms on terminal equipment are some of the areas our engineers have expended considerable effort.

LAMINATOR STATION

Our laminators achieve the highest adhesion levels in the industry. This is accomplished by high nip force and nip roll geometry. Depending on the application, we have an array of designs to offer (3-roll or 2-roll, rubber nip or steel nip and pneumatic or hydraulic).

