



# CONTAINING AND SCREENING FABRICS

## PURPOSE AND APPLICATION

### Containment Style Fabrics Block Dust and Larger Debris Can Provide an Aesthetic Site Barrier or Advertisement Space

Uses: Industrial

- Block debris from entering surrounding areas that originates from: sandblasting, construction, façade repairs, home/ HOA projects
- Attractive advertising surface along fencing. Various colors to match logo or buildings.

Uses: Recreational

- Create privacy for schools, playgrounds, sports fields, and homes.
- Printable advertising space. Multiple colors available to match aesthetic or sports team.

## FUNCTIONS AND MEASUREMENTS

### Measurements that Indicate Best Product for Application

*Flow of air:* Higher values can indicate more open fabric and less particles contained; Also airflow for workers

- Permeability: Volume of air / water that passes through the fabric in 1 second
- Permittivity: Time required in seconds for a volume of air/ water to pass through the fabric

*Strength:* Force required to cause fabric to fail

- Burst / Puncture: Hole in the fabric (lbf or psi)
- Tear: A tear expands across width / length of fabric (lbf)
- Tensile / Elongation: Stretch to failure, caused by strain from pulling or water pushing fabric (lbf)

*Apparent Opening Size:* Will particles and/or debris pass through the opening?

*Light through Fabric:* Less light means less dust will pass through

- Shade Factor: Higher shade is more dense thus blocking more light and providing a better surface for advertisement adhesion.

## PRODUCT OPTIONS

### Keeping Debris in its Place

Protecting People Outside the Work Area, Sometimes with a Priority to Appearance with Colors

This chart gives suggestions by fabric type and needs

Textiles	Material	Construction	Containment Needs	
			Heavy Duty	Light Duty and/or for Appearance
Containment Fabric	PP	Woven	X	
Ground Cover	PP	Circular Weave	X	
Ground Cover	PP	Flat Weave	X	
HDPE Woven Mono Tape	HDPE	Woven	≥78%	≥44%
Privacy Shade	HDPE	Knitted		X
Shade	PP	Woven	≥80%	X