

FSP-TQ55 Vapor Barrier

(Foil / Scrim / Polyethylene)

Tentative Specification

Facing Composition	Description	Values (English)	Values (Metric)
Foil	Aluminum	0.00071 inch	18.0 micron
Scrim	Square	5.0/inch (MD) 5.0/inch (XD)	20/100 mm (MD) 20/100 mm (XD)
Polyethylene	Thermoplastic	15 lbs/3000 ft ²	25 g/m ²

Physical Properties	Test Method	Values (English)	Values (Metric)
Basis Weight	Scale	21 lbs/1000 ft ²	104 g/m ²
Permeance (WVTR)	ASTM E96 Procedure A	0.02 perm	1.15 ng/N.s
Bursting Strength	ASTM D774	51 psi	3.6 kg/cm ²
Tensile Strength	ASTM C1136	27 lbs/inch (MD) 21 lbs/inch (XD)	4.8 kN/m (MD) 3.6 kN/m (XD)
Caliper / Thickness	Micrometer	0.0059 inch	150 micron
Emissivity	ASTM E-408	0.03	0.03

Fire Testing	
	ASTM E84
	Foil Side
Flame Spread	0
Smoke Developed	5

➤ Physical Properties based upon statistical averages, Weight / Thickness+/-10%

Remark:

- The products should always be stored in the original packaging, at normal indoor temperature, kept away from heat and water, and avoiding direct sunlight and rain.
- All packages should be stored on a pallet or similar surface. Rolls should never be stored in direct contact with the ground or on concrete slabs.