

CJI Group Ltd.
Foil/Polyester
Specification

Facing Composition	Description	Values (English)	Values (Metric)
Foil	Aluminum	0.0003 inch	7.6 microns
Adhesive	Flame-Resistant		
Film	Polyester	0.00048 inch	12.2 microns

Physical Properties	Test Method	Values (English)	Values (Metric)
Basis Weight	Scale	8.9 lbs/1000 ft ² .	43.5 g /m ²
Caliper/Thickness	Micrometer	0.001 inch	25.4 microns
Mullen Burst	ASTM D774	40 psi	275 kPa
Tensile Strength	ASTM C1136	14 lbs/in width (MD)	2.4 kN/ m(MD)
		14 lbs/in width (CD)	2.4 kN/ m(CD)
Low Temperature Resistance	ASTMD1790	Remains Flexible	Remains Flexible
		-40°F (-40°C)	No Delamination
High Temperature Resistance	4 Hours @	Remains Flexible	Remains Flexible
		240 F° (116°C)	No Delamination
Water Immersion	24 hours@ 73°F (23°C)	No Delamination	No Delamination
Emissivity (Foil Side)	ASTM E408	0.03	0.03

Fire Testing			
	UL 723		British Standard 476
	Flame	Smoke	Parts 6 and 7
	Spread	Developed	Summary Report
Foil Exposed	<25	<50	Class 0 Surface
Polyester Exposed	<25	<50	