

Building & Construction Films

Under Slab Vapor Barrier

Product Specifications & Packing Mode	
Film Thickness	100 - 400 μm 400 - 1,600 gauge 4 - 16 mil
Film Width	Up to 14 m Up to 46 feet
Film Length	Per client requirements
Film Color	Per client requirements
Roll Width	Per client requirements
Packing Mode	Single rolls protected by PE wrapping Inner core diameter: 7.6cm or 3in 15.2 cm or 6in

Properties Conform to ASTM E 1745					
Nominal Film Thickness (μm)		150	250	400	
Classification		Class C	Class B	Class A	
Water vapor transmission Rate (metric perms)		< 0.06	< 0.026	< 0.016	ASTM E 96
Puncture Resistance (g)		> 600	> 2200	> 3000	ASTM D 1709
Tensile strength (N/cm^2)	Machine (MD)	> 2400	> 2600	> 2500	ASTM D 638
	Trans (TD)	> 2300	> 2400	> 2400	
Elongation (%)	Machine (MD)	> 520	> 620	> 800	ASTM D 638
	Trans (TD)	> 600	> 730	> 900	
Elmendorf tear resistance ($\text{g}/\mu\text{m}$)	Machine (MD)	> 6	> 6	> 6	ASTM D 1004
	Trans (TD)	> 15	> 15	> 17	