

Agricultural & Horticultural Films

Mulch Film

Product Specifications & Packing Mode

Film Thickness	20 - 127 microns 80 - 500 gauge 0.8- 5 mil
Film Width	Up to 2 m or 6.5 feet Up to 6 m or 20 feet (for complete mulching)
Film Length	Per client requirements
Film Color	Black, silver, brown, white, clear, silver/black, white/black, silver/brown
Roll Width	Per client requirements
Packing Mode	Single rolls protected by PE wrapping Inner core diameter: 7.6 cm or 3 in 15.2 cm or 6in

Optical & Mechanical Properties

Standard Mulch Film	Black	Silver	Silver / Black	Silver / Brown	White	White / Black	Clear	Thermal		
Optical Properties										
Light Transmission (%)	0	3	0	0	0	0	95	92	ASTM D 1003	
Light Absorption (%)	95	47	51	51	25	35	5	3	ASTM D 1003	
Light Reflection (%)	5	50	49	49	75	65	5	5	ASTM D 1003	
Mechanical Properties										
Tensile Strength (N/cm²)	Machine (MD)	> 2,200	> 2,400	>2,400	> 2,400	> 2,400	> 2,400	>2,400	> 2,300	ASTM D 638
	Trans (TD)	> 2,200	> 2,400	>2,400	> 2,400	> 2,400	> 2,400	>2,400	> 2,300	
Elongation (%)	Machine (MD)	> 400	> 450	> 450	> 450	> 500	> 500	> 500	> 550	ASTM D 638
	Trans (TD)	> 600	> 600	> 600	> 600	> 600	> 600	> 600	> 650	