Material Type	Agricultural Non Woven Fabric	Plastic Film	Straw/Straw Mat
Air Permeability	Excellent (adjustable)	Poor	Good
Service Life	1–5 years (depending on process)	0.5–2 years	0.5–1 year
Environmental Friendliness	Easy to dispose (degradable types)	Difficult to degrade, causes white pollution	Naturally degradable, requires regular replacement
Functional Diversity	Multi-functional (heat preservation, weed control, pest prevention, etc.)	Single function (heat preservation or ground cover)	Only heat preservation or covering