

NEW PRODUCT LAUNCH

For **Incision application films and advanced wound dressings**, **Polyurethane (PU) film** and **Polyethene (PE) film** serve very different purposes. The choice is not simply based on cost—it is based on the clinical outcome you want to achieve.

Property	PU Film (Polyurethane)	PE Film (Polyethene)
Appearance	Crystal clear	Clear to translucent
Softness	Very soft	Slightly stiffer
Elasticity	Excellent (300-700% elongation)	Moderate (100-300%)
Conformability	Excellent	Good
Breathability (MVTR)	Excellent	Poor to Moderate
Waterproof	Yes	Yes
Oxygen permeability	Excellent	Low
Bacterial barrier	Excellent	Excellent
Viral barrier	Excellent	Excellent
Skin comfort	Excellent	Good
Patient comfort	Excellent	Moderate
Tear resistance	High	Moderate
Chemical resistance	Moderate	Excellent
Cost	Higher	Lower
Long-term wear	Better	Average
Medical applications	Advanced wound care, IV dressings, incision films	Protective covers, basic dressings

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