

TECHNICAL DATA SHEET



RECYCLED TRANSLUCENT POLYETHYLENE ROLL



Nexolen's Translucent Roll is a construction-grade, low-density polyethylene (LDPE) film produced entirely from recycled material. Purpose-built for jobsites that demand protection without compromising visibility, it creates a tough barrier against moisture, wind, and airborne dust while allowing natural light to pass through. Its translucent, acid-free composition makes it ideal for temporary weather enclosures, dust partitions, and material covers where daylight and line-of-sight are essential for crew safety and productivity. Flexible and durable across a temperature range of -4°F to 140°F (-20°C to 60°C), it performs consistently in both interior and exterior applications. Available in 4 MIL, 6 MIL, and 10 MIL gauges, the Translucent Roll serves as a cost-effective replacement for expensive protective fabrics — covering everything from scaffolding and framing to warehouse equipment and palletized goods. Every roll is manufactured with 100% post-consumer recycled content, delivering professional-grade performance with a lower environmental footprint.

TECHNICAL SPECIFICATIONS

Material	Recycled low-density polyethylene (LDPE) — acid-free
Color	Natural translucent
Thickness	4 MIL, 6 MIL, or 10 MIL depending on specification
Core	1 1/2" diameter
Fold Type	Center crease with gusset, double fold
Resistance	High flexibility and durability — 100% translucent, construction grade
Operating Temp	-4°F to 140°F (-20°C to 60°C)

APPLICATIONS

- Vapor barrier for floors and walls
- Temporary protection for materials, equipment, and finishes
- Insulation between layers of concrete or soil
- Covers for construction sites or scaffolding
- Material wrapping and packaging
- Covers warehouse equipment, machinery, materials, and pallets
- Replaces expensive protective fabrics
- Ideal film for covering wood, walls, and structures

AVAILABLE SIZES — US MARKET

PRODUCT	WIDTH (ft)	LENGTH (ft)	GAUGE (MIL)	WEIGHT (lbs)
Translucent Roll 40 ft x 100 ft — 6 MIL	40	100	6	112.4
Translucent Roll 40 ft x 100 ft — 4 MIL	40	100	4	73.9
Translucent Roll 40 ft x 60 ft — 6 MIL	40	60	6	67.2
Translucent Roll 32 ft x 100 ft — 6 MIL	32	100	6	89.3
Translucent Roll 32 ft x 100 ft — 4 MIL	32	100	4	58.4
Translucent Roll 26 ft x 100 ft — 6 MIL	26	100	6	78.3
Translucent Roll 26 ft x 100 ft — 4 MIL	26	100	4	51.8
Translucent Roll 23 ft x 100 ft — 6 MIL	23	100	6	67.2
Translucent Roll 23 ft x 100 ft — 4 MIL	23	100	4	44.1
Translucent Roll 20 ft x 100 ft — 6 MIL	20	100	6	57.3
Translucent Roll 20 ft x 100 ft — 4 MIL	20	100	4	37.9
Translucent Roll 20 ft x 100 ft — 10 MIL	20	100	10	91.5

PERFORMANCE

Yield: approximately 70 sq ft per lb (+/- 5%)

1 sheet at 150 microns = Gauge 6 MIL (600)

RECOMMENDATIONS

- Do not apply on uneven surfaces
- Store in a cool, dry place
- Do not stack more than 15 rolls
- Do not use hooks
- Do not expose to acids