

TECHNICAL DATA SHEET



YELLOW GUARD POLYETHYLENE ROLL



Nexolen's Yellow Guard is a premium-grade, low-density polyethylene (LDPE) film made from 100% virgin resin and colored with a lead-free yellow pigment. Designed for construction and industrial applications that demand both durability and high visibility, it provides a strong barrier against moisture, dust, and debris while standing out clearly on any jobsite — improving safety awareness and hazard demarcation. Its bold yellow finish is engineered to withstand prolonged sun exposure without degrading, making it one of the few construction films rated for extended outdoor use. Flexible yet tough across a temperature range of -4°F to 140°F (-20°C to 60°C), it performs reliably in weather-exposed applications where standard polyethylene sheeting would break down. Available in 10 MIL and 12 MIL gauges, the Yellow Guard is built for heavy-duty demands — from long-term scaffold wrapping and perimeter barriers to vapor protection under concrete slabs. Compliant with ASTM F963 Section 8.3 for heavy metal content, it meets strict safety standards while delivering the puncture resistance and tear strength that professional contractors expect.

TECHNICAL SPECIFICATIONS

Material	Virgin low-density polyethylene (LDPE)
Pigment	Lead-free yellow pigment
Color	Yellow
Thickness	10 MIL (250 microns) or 12 MIL (300 microns)
Core	1 1/2" diameter
Fold Type	Tubular — no gusset
Resistance	UV resistant — withstands prolonged sun exposure
Operating Temp	-4°F to 140°F (-20°C to 60°C)
Standards	ASTM F963 Section 8.3

APPLICATIONS

- Vapor barrier for floors and walls
- Extended outdoor coverage — UV stable
- Temporary protection for materials, equipment, and finishes
- High-visibility safety barriers on construction sites
- Covers for scaffolding, framing, and exposed structures
- Material wrapping and packaging

AVAILABLE SIZES — US MARKET

PRODUCT	WIDTH (ft)	LENGTH (ft)	GAUGE (MIL)	WEIGHT (lbs)
Yellow Guard 14 ft x 210 ft — 10 MIL	14	210	10	150

PERFORMANCE

Yield: approximately 60 sq ft per lb (+/- 5%)

1 sheet at 250 microns = Gauge 10 MIL (1000)

ADVANTAGES

- Non-toxic product
- Virgin LDPE base material — consistent quality and clarity
- Lead-free pigment — safe for all environments
- Resistant to heat, rain, and prolonged UV exposure
- Does not degrade easily even under direct sunlight

RECOMMENDATIONS

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