

PRODUCT DESCRIPTION

DuraDefend Non-Reinforced Shrink Wrap is a white polyethylene shrink film designed to provide dependable temporary protection for industrial packaging, equipment coverage, transportation, shipping and storage applications.

Engineered for flexibility, heat-shrink performance and ease of handling, DuraDefend Non-Reinforced Shrink Wrap conforms tightly around a wide range of shapes and sizes to help protect covered assets from moisture, dust, dirt, road debris and outdoor exposure. The opaque white film helps reduce heat build-up beneath the enclosure while providing a clean, professional appearance for wrapped equipment, materials and large packaged items.

DuraDefend Non-Reinforced Shrink Wrap is highly pliable and allows for efficient heat-seal fusing during packaging. This helps create a secure enclosure around large, irregular or difficult-to-wrap objects while reducing the need for additional cover packing materials during shipping and storage.

Designed for standard shrink wrap protection needs, DuraDefend Non-Reinforced Shrink Wrap provides a practical solution for customers who need reliable coverage, clean presentation and efficient installation without the added scrim reinforcement of DuraDefend Reinforced Shrink Wrap.

PRODUCT USE

DuraDefend Non-Reinforced Shrink Wrap is designed for shrink wrap applications requiring dependable temporary protection during transportation, storage, staging or packaging. It is well-suited for covering equipment, materials, modular components and large industrial assets where a tight, heat-shrunk protective enclosure is needed.

For applications requiring increased tear resistance, puncture resistance, added durability or long-distance transportation protection under more demanding conditions, DuraDefend Reinforced Shrink Wrap may be recommended.

SIZE & PACKAGING

DuraDefend Non-Reinforced Shrink Wrap is available in standard roll sizes and may be supplied in widths suited for industrial packaging, transportation and storage applications. Rolls are packaged for ease of handling, efficient installation and jobsite-ready use. Specific roll widths, lengths, gauges and packaging details to be confirmed based on available inventory and product offering.



Industrial Smooth Roofing Membrane

PRODUCT

PART

DuraDefend Non-Reinforced Shrink Wrap..... XXXXXX

APPLICATIONS

- Equipment Packaging
- Industrial Packaging
- Shipping and Packaging
- Transportation Protection
- Outdoor Storage
- Construction Materials
- Modular & Prefab Components
- Jobsite Staging
- Large Asset Coverage
- Temporary Protective Enclosures



DuraDefend shrink film is designed as a lightweight, high-strength material for use in a variety of conditions. It is a white, high-strength film with added U.V. and thermal stabilizers to provide an approximate outdoor exposure of 1-year. DuraDefend is designed to retain flexibility under cold temperatures, and for easy heat-seal fusing to efficiently enclose large or difficult shapes and minimize the cost to effectively package challenging shipments.

PROPERTIES	METHOD	UNITS		SF100WW I-40.00-950
Thickness	D5199	mils		10.0
			σ	0.7
Weight	D751	lbs/msf		49.8
Tensile Load	D882	psi	MD	5600
			σ	375
			TD	5800
			σ	325
			AVG	5700.0
			σ	248.1
Tensile Elongation		%	MD	800
			σ	30
			TD	825
			σ	20
			AVG	812.5
			σ	18.1
Graves Tear	D1004	lbf	MD	7.1
			σ	0.9
			TD	7.3
			σ	0.8
			AVG	7.2
			σ	0.6
Elmendorf Tear	D1922	g	MD	3700.0
			σ	285.0
			TD	4900.0
			σ	295.0
			AVG	4300.0
			σ	205.1
Puncture	D4833	lbf		29.0
			σ	1.8
Shrink		%	MD	55.0
			TD	5.0
			AVG	30.0
Opacity		%		70.0
			σ	1.4



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Note: To the best of our knowledge, unless otherwise stated, these are typical property values and are intended as guides only, not as specification limits. Chemical resistance, odor transmission, longevity as well as other performance criteria is not implied or given and actual testing must be performed for applicability in specific applications and/or conditions. VIAFLEX, INC MAKES NO WARRANTIES AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS REFERRED TO, no guarantee of satisfactory results from reliance upon contained information or recommendations and disclaims all liability for resulting loss or damage. Limited Warranty available at www.viaflex.com

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