



TuffLite Energy Savings

TUFFLITE INFARED SHEETING (IR/AC)



PRODUCT DESCRIPTION

TuffLite is the original “colorless” polyethylene greenhouse covering. TuffLite was the first multi-year product incorporating the HALS Formula System (Hindered Amine Light Stabilizer) of ultraviolet inhibitors. TuffLite brand products are produced by one of North America’s largest manufacturers of polyethylene products for agriculture, and are offered in gauges ranging from one to six mils.

Includes UV Block, anti-drip additive that reduces condensation buildup, plus an additive that disperses light and helps delay the exit of heat from the greenhouse.

APPLICATIONS

- ▶ Greenhouse Covers

PRODUCT USE

For over 20 years growers have covered their income (crops) with TuffLite.

*4-Year limited warranty when used as a 2 layer cover.(Direct contact with PVC pipe or utilizing a single layer voids the warranty. Degradation due to wind damage, chemical contact or heat build-up is not under warranty)

SIZE AND PACKAGING

Call for sizing.

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SPECIFICATIONS

		TuffLite-IV™	
PROPERTIES	TEST METHOD	VALUE (MD)	VALUE (TD)
Dart Impact (grams per mil)	ASTM D1709	150	
Tear (grams per mil)	ASTM D1922	200	275
Tensile (psi)	ASTM D882	4000	3000
Break Strength (lbs per mil)	ASTM D882	4.0	3.6
Elongation (psi)	ASTM D882	700	675
Yield Strength (psi)	-	1650	1450
Light Transmission US Testing Co.	-	90.8 %	
Photosynthetically Active Radiation (PAR)	-	89.9 %	
Haze	-	48.4 %	
Thermicity	-	13.6 %	
Diffused Light	-	44.0 %	
Clarity	-	48.9 %	

NOTE: The information provided herein is based upon data believed to be reliable. All testing is performed in accordance with ASTM standards and procedures. All values are typical and nominal and do not represent either minimum or maximum performance of the product. Although the information is accurate to the best of our knowledge and belief, no representation of warranty or guarantee is made as to the suitability or completeness of such information. Likewise, no representation of warranty or guarantee, express or implied, or merchantability, fitness or otherwise, is made as to product application for a particular use.