



Knitted Shade

BENEFITS AND KEY FUNCTIONS

- Block excess light from crops, supporting production of fruit or vegetable instead of excessive stem growth, while providing protection from weather or birds
- Shade factors from 30% to 80% to meet the needs of any crop
- Provide cool areas for cattle during times of high heat
- Protect bystanders in sport areas or as truck cover
- Screen out debris when used as filter in water systems
- Monofilament shade fabric; made of 100% virgin high-density polyethylene (HDPE) with UV additive.
- Stronger and more open than knits using tape threads (Tape Yarn and Monofilament Yarn)
- Resists tears, mold, and mildew
- Finished outer edges require no tape or grommets for installation
Will not unravel when cut
- Life expectancy of 10 to 15 years, 5-year UV degradation warranty
- University studies have shown proper shade can support a better crop in terms of size and appearance.

STANDARD AND CUSTOM OFFERINGS

Shade Factor	Color(s)	Widths	Put-Up	Customization Options
30%	Black	6', 10', 12', 20'	100 LY/300'	Color Width Put-up <i>*custom options may extend lead time or require a minimum order quantity</i>
40%	Black	6', 10', 12', 20'	100 LY/300'	
50%	Black, White	Black: 6', 8', 10', 12', 20' White: 12', 20' (238")	100 LY/300'	
60%	Black	6', 10', 12', 20'	100 LY/300'	
70%	Black, White	Black: 6', 10', 12', 20' White: 118", 12', 20'	100 LY/300'	
80%	Black	12', 20' (238")	100 LY/300'	



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COMMON CUSTOMER QUESTIONS

What is mono-filament? How do I know if that is what I use today?

- Monofilament is the type of threads/yarns used in production of the fabric. Yarns are oval/round in shape to give strength.
- Mono-mono knit is one narrow thread in both the warp and weft directions
- Other types of constructions include mono-tape (one thread is a monofilament and the other is a tape yarn) and tape-tape (both yarns being tape).
- For further information, examples, and comparisons see our guide on [Tape Yarn and Monofilament Yarn](#)

I bought knitted from someone else, the color faded and then it fell apart, how is yours different?

- Some companies use recycled resin, UV additives can't be recycled. We require our sources do periodic quality checks to confirm resin is first use only.
- Our source adds enough UV protection for the hottest, sunniest areas in the US to be sure our products last.

I have woven material I like a lot, made of polypropylene (PP), can I get that knitted?

- PP can't be knitted as it is too stiff of a raw material and will break during the knitting process
- For details on woven v knits or other product informatio:
(<https://www.acadiantextiles.com/industry-knowledge-bank>)

Why should I use HDPE knit instead of PP woven material?

- The knit prevents yarns from shifting out of place during installation or heavy storms, which can cause uneven shade
- HDPE is naturally more resistant to UV than PP and with proper care, can last double the amount of years