

## BENEFITS AND KEY FUNCTIONS

- Exclusive monofilament construction blocks 80% of light
    - Provides cool areas for cattle during times of high heat
    - Blocks excess light from crops, supporting production of fruit or vegetable
    - Dense construction adds strength for use as truck cover
    - Protects crops from birds or adverse weather, including hail and high winds
  - Screen out debris when used as filter in water systems
  - Made of 100% virgin high-density polyethylene (HDPE) with UV additive.
  - 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)	Width(s)	Put-Up	Customization Options*
80%	Black	12', 20' (238")	100 LY / 300'	Color Width Put-up

*\*Custom options extend lead time and/or require a minimum order quantity.*

## COMMON CUSTOMER QUESTIONS

### *How does Mega Mesh 80 compare to other 80% knits?*

- Mono filament in warp and weft directions, delivering strength, light blocking and longevity
- UV additive set based on sunniest areas in North America

### *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

## COMMON CUSTOMER QUESTIONS *cont.*

*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 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 information, visit our [Knowledge Bank](#)

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

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

ACADIAN  
INDUSTRIAL TEXTILES