



GREENHOUSE CURTAIN

PURPOSE AND APPLICATION

- Minimize electricity costs for the grower
- Acts as walls for greenhouses, high tunnels/cold frames
- Provides a strong alternative to poly film for caterpillar tunnels
- Walls for chicken coop that can roll up



FUNCTIONS AND MEASUREMENTS

| Characteristics | Function | Measurement |
|------------------------------------|---|-------------------------------|
| Soft and Flexible | Rolls up easily | 100% virgin HPDE LDPE layered |
| Diffusion | Light reflected at surface or scattered after passing through | % |
| Strength (Tearing, Tensile, Break) | Doesn't tear easily, lasts multiple seasons | lbf |
| Weight | Represents ability to withstand inclement conditions | oz/yd ² |
| Light Transmission | Amount of light that gets through - for plant growth | % |
| UV Stability | Doesn't break down due to UV rays, lasts years | kly |

FORM AND FIT

- Woven PE tape - Can be a mix of HDPE and LDPE
 - HDPE provides strength and stretch
 - LDPE provides transparency, stain resistance and waterproofing
- Colors:
 - Black or Panda
 - Clear, Opaque, or White
- Weight:
 - 4 oz/yd² or above as polyfilm alternative
 - 5.3 or 7.1 oz/ yd² or heavier as walls for greenhouse or cold frame/high tunnel
- Length:
 - Greenhouse or High tunnel/Cold Frame: Distance from bar that holds rolled up curtain to the ground
 - Row Cover: Length of the planted row
- Width:
 - Greenhouse or High tunnel/ Cold: set by length of roller mechanism (bar)
 - Caterpillar tunnels: width of either one row or multiple rows that will be covered
 - Material can be welded to increase the width. Weight of roll may become a limiting factor



Greenhouse Curtain

PVC Piping, Sulfer or copper can cause premature breakdown of the curtain.