



## Product Info

Issued: Sep. 2019 Revision 2.1

Heat transfer grade PES based HT-CM60-0200 series colorful heat transfer reflective vinyl trim which is composed of wide angle exposed reflective lens bonded to a PES heat activated adhesive with PVC liner, designed for wearers to enhance visibility and reduce risk of being struck by vehicles in nighttime or dark when illuminated by a light, by returning light back to original source and reaching driver's eye.

RECOMMENDED APPLICATIONS
• Rotary die cutting
• Hand cut
• Guillotined
• Ink printing
• PPE Outdoor

OVERVIEW	
Backing Fabric	PES+PET
Typical Reflectivity	60-120 cd/lx/m <sup>2</sup>
Original Color	Colorful
Reflected Color	Colorful
Apply to	Best for light and medium fabrics
Attachment	Iron on by using low temperature (120°C or 248°F)

## CONSTRUCTION

Product Family & Series	Heat Transfer Retroreflective Vinyl Trim, HT-CM60-0200 Series
Performance Level	Heat Transfer Grade Medium Light Type Glass Beads Semi-embedded
Original Daytime Color	
Product Code	HT-CM60-0200.
Construction Materials	PES, PET, high index reflectivity glass beads.
Thickness & Weight	Finished Fabric: 0.130-0.140mm, 195-210g/sqm±10%
Size	Miscellaneous Sizes (0.05m*50m, 0.05m*100m, 1.3m*100m, 1.3*200m etc.)
Brand/Trademark	Yillumax™

## PHYSICAL PROPERTIES CHARACTERISTICS

Standards or Certifications	Photometric & FR & Performance: EN ISO 20471, ANSI/ISEA 107, CSA-Z96, AS/NZS 1906
Okeo-Tex	N/A
Storage Condition, Self-life	Properly stored in a dry(<65% relative humidity) and cool(20-25°C) area, use within 12 months after receipt.
Imaging Method	Images may be screen printed on the surface of some our reflective fabrics. All printing inks' independent testing required to ensure acceptable adhesion, wipe the surface lightly with a soft cloth dampened with isopropyl alcohol may help in adhesion, user assumes responsibility for fitness of inks printing.
Iron Method	Heat Pres Machine Temperature:140-160°C, Dwell time:8-20 seconds, Line pressure:>0.5KG/cm <sup>2</sup> ; Heated Roll Laminator Temperature:120-140°C, Rotate speed:4-8m/min, Line Pressure:>2kg/cm <sup>2</sup> Be sure to remove the extra plastic PVC liner on the adhesive side before applying plotter cut.
Home Wash	≥15 times (Don't presoak, recommended wash temperature: 30-40°C, maximum wash time at highest wash temperature 12 mins, maximum program time 50 mins, wash powders for delicate and colored fabrics are recommended, do not bleach, tumble dry low, cool or medium heat iron setting (do not exceed 160°C) )
Dry Wash	≥5 times
Industrial Wash	N/A
Applications	Economic safety garments, nonrated safety vests, athletic and casual wear, t-shirts, sweatshirts, outerwear
Applied Substrates	Many fabrics can be used as lamination substrates; however, some substrates such as nylons, water repellent fabrics or mesh fabrics are difficult to adhere to. Continuous independent testing required to ensure acceptable in mass production, user assumes responsibility for fitness for substrates adhesion.
Application Instructions	See Product Bulletin

The above information on physical and chemical characteristics is based upon tests believed to be reliable. The values are intended only as a source of information. They are given without guarantee and do not constitute a warranty. The purchaser should independently determine, prior to use, the suitability of this material for his/her specific purpose. (Data represents averages and is not intended for use as a manual.)

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