



Product Data Sheet

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METLON 150V

CHARACTERISTICS

Exceptional strength, brilliance, softness, pliability, and high yield.

USES

Automotive fabrics, upholstery and drapery materials, apparel fabrics, hosiery, mattress ticking, labels and novelty fabrics.

COLORS

Gold and silver.

CONSTRUCTION

Metlon 150V is a three ply laminated metallized polyester yarn. Two clear 1/2 mil gauge polyester films are laminated on each side of a metallized 1/2 mil gauge polyester film.

STRENGTH AND ELONGATION (based on 1/69" width)

Elongation: 70% minimum
Breaking strength: 175 grams minimum
Yield point: 15 grams

DRY CLEANING AND LAUNDERING

Professional dry cleaning, using perchlorethylene only, is preferable to laundering. Laundering should be with Woolite at cool temperatures.

IRONING

Fabrics containing 150V should be treated like all synthetic fabrics. 150V should be ironed at the lowest setting on the iron. It is recommended that no steam be used.

WET PROCESSING

150V is chemically attacked by acids and alkalies. A neutral pH and temperature under 180° F. for 1 hour will minimize chemical attack. A slightly acid pH is preferable to a slightly alkaline pH. Stronger acids or alkalies, elevated temperatures or longer time will all increase chemical attack.

Chemical resistance of metallic yarn may be reduced, if the yarn is stretched during the manufacturing process.

HEAT

150V should not be heated above 180° F. if moisture is present. If no moisture is present, dry heat may go up to 220° F.

STANDARD WIDTHS (yards per pound)

1/128"	42,000 yards
1/100"	33,000 yards
1/69"	22,600 yards
1/50"	16,500 yards
1/32"	10,500 yards

QUALITY CONTROL

At the time of manufacture, Metlon conducts a series of tests to insure that 150V meets minimum physical and chemical requirements. Copies of these tests are available from Metlon.

Because of the wide variation in individual requirements, it is recommended that each customer conduct its own tests to determine Metlon’s acceptability for its use.

<p>TERMS AND CONDITIONS OF SALE</p> <p>All statements, technical information and recommendations contained herein are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed, and the following is made in lieu of all warranties, express or implied: Seller’s and manufacturer’s only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, user shall determine the suitability of the product for his / her intended use, and user assumes all risk and liability whatsoever in connection therewith.</p> <p>Statements or recommendations not contained herein shall have no force or effect unless in an agreement signed by officers of seller and manufacturer.</p>
