

ASTM D885M

Standard Test Methods for Tire Cords, Tire Cord Fabrics, and Industrial Filament Yarns Made from Man-Made Organic-Base Fibers (Metric)

Inactive

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Details	History	References
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Organization: ASTM
Publication Date: 15 December 1994
Status: Inactive
Page Count: 26

Scope:

1. Scope

1.1 These test methods cover the testing of industrial filament yarns made wholly of man-made organic-base fibers, cords twisted from such yarns, fabrics woven from such cords, products that are made specifically for use in the manufacture of pneumatic tires. If desired, these test methods may be applied to similar yarns and cords used for reinforcing other rubber goods and for other industrial applications. These test methods apply to nylon, polyester, rayon, and high-modulus aramid yarns and tire cords twisted from such yarns and to fabrics made from such cords. The yarn or cord may be wound on cones, tubes, bobbins, spools, or beams, woven into fabric or in other forms. These test methods include testing procedures only. These test methods do not include specification or tolerances.

1.2 No procedure is included for the determination of fatigue resistance of cord, but several commonly used procedures for the measurement of fatigue resistance of cords in rubber were published in the appendix of these test methods in the 1967 Annual Book of ASTM Standards, Part 24, and in earlier issues of Test Methods D 885.

NOTE 1--For tolerances on tire cords and tire cord fabrics, refer to the issue of Methods D 885 published in the 1984 Annual Book of ASTM Standards, Vol 07.01, and in earlier issues. For tolerances on industrial yarns, tire cords, and tire cord fabrics made from man-made organic-base fibers, see Tolerances D 3219, for Industrial Filament Yarns, Tire Cords, and Tire Cord Fabrics Made from Man-Made Organic-Base Fibers. For tolerances on other textile materials used in tires, refer to Tolerances D 122, for Tire Fabrics Other Than Tire Cord Fabrics. For methods of test for glass cords refer to Methods D 2970, Testing Tire Cords, Tire Cord Fabrics, and Industrial Yarns Made from Glass Filaments; for wire cords refer to Methods D 2969, Testing Filaments, Strands, Cords, and Fabrics Made from Steel.

1.3 These test methods include the following sections:

NOTE 2--These test methods are the counterparts of Methods D 885, and are compatible in technical content.

NOTE 3--The technically correct term "mass" is used in these test methods instead of "weight."

1.4 This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use. For specific precautionary statements, see 35.4.2.

Document History

	ASTM D885M	December 15, 1994
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ASTM D885M

May 16, 1985

STANDARD METHODS OF TESTING TIRE CORDS, TIRE CORD FABRICS, AND INDUSTRIAL FILAMENT YARNS MADE FROM MAN-MADE ORGANIC-BASE FIBERS (METRIC)

A description is not available for this item.

References

This document is referenced by:

90 - GUIDANCE NOTES ON THE APPLICATION OF FIBER ROPE FOR OFFSHORE MOORING

Published by ABS on June 1, 2021

The main purpose of these Guidance Notes is to describe criteria for design, material, testing, manufacturing, installation and subsequent survey of fiber ropes to be used as mooring components in...

This document is referenced by:

ASTM D4830/D4830M - Standard Test Methods for Characterizing Thermoplastic Fabrics Used in Roofing and Waterproofing

Published by ASTM on January 10, 1998

These test methods cover the procedures for characterizing thermoplastic fabrics (for example polyester, polyamide, polypropylene, and so forth) used in prefabricated roofing and waterproofing...

This document is referenced by:

ASTM F2848 - Standard Specification for Medical-Grade Ultra-High Molecular Weight Polyethylene Yarns

Published by ASTM on May 1, 2017

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