



**DATA SHEET FOR 50DOF17RFR
MEETS BOEING BMS 13-54D SPECIFICATIONS
Type I, Grade B, Class 1, Finish C, Size 85/14**

SCOPE This data sheet establishes the requirements of 50DOF17RFR.

MATERIAL The yarn furnished under this data sheet shall be from first grade, high tenacity, continuous polyester. The braided tape shall be coated with a flame-retardant synthetic rubber, hence the "RFR" designation..

CONSTRUCTION The yarn shall be a flat braid configuration.

Width ----- .075" min. / .095" max.
Thickness ----- .011" min. / .017" max.
Breaking Strength ----- 50 # min.
Elongation ----- 40% max.
Finish ----- 25% to 35%
Color ----- A Wide Variety

EFFECTS OF HEAT This material stick at 440° F - 465° F and melts at 482° F

EFFECTS OF ACIDS AND ALKALIS This yarn has a good resistance to most mineral acid and will dissolve in concentrated solutions of sulfuric acid. Good resistance to weak alkalis, and moderate resistance to strong alkalis at room temperature.

RESISTANCE TO MILDEW, AGING, AND SUNLIGHT This yarn is not attacked by mildew. Excellent resistance to aging, abrasion and sunlight, but prolonged exposure causes some strength loss.

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