

RESISTAT® F9322, MERGE A074, is composed of two ends of 22 denier Conductive Nylon 6 monofilaments combined with two ends of 70/36 polyester yarn. The components have been twisted together and heat-set. The conductive filament has a round cross section with a coating thickness of approximately one micron. The yarn color is grey.

Physical Properties	Typical Values	Average Value	Test Method
Denier	200	200 Denier	ASTM 1907
D'tex	221	221 D'tex	---
Filaments	74	74	ASTM 2256
Tenactiy	4	4 grams/denier	ASTM 2256
Elongation at Break, %	40	40 %	---
Twist	12.5 TPI	12.5 Twists Per Inch	---
Twist Direction	Z	Z	---
Product Yield, approx.	22,322 yards/pound	44,957 meters/kilogram	---

Electrical Properties	Typical Values	Average Value	Test Method
Resistivity	1.5	1.5 x 10 ⁵ ohms/centimeter	---

Chemical Properties	
Mineral Acids, Cold	Good Resistance
Mineral Acids, Hot	Poor Resistance
Concentrated Mineral Acids	Poor Resistance
Alkalis	Good Resistance
Solvents	Good Resistance (except phenolic)
Formic Acid	Dissolves
Water/Hydrolysis	Good Resistance
Melting Point	220° C

Package	
Package Type	Pineapple with transfer tail
Tube	Cardboard: 9 inch long, 2¼ inch OD
Package Weight	3 pounds (Average)
Packing	16 tubes per case (Average)

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