

# 974 NYMAX

SERIES Nylon Multifilament Yarn Braided Sleeving

## DESCRIPTION

- Braided sleeving produced from Nylon 6 multifilament yarn
- Tightly woven for better coverage
- Extremely flexible protective sleeving
- Softens at about 225°C
- Melts at about 250°C
- Standard color: Black

## FEATURES

- Good resistance to acids in weak concentrations and most alkalis
- Generally unaffected by organic solvents
- Nylon is considered to be water repellent, but is actually hygroscopic and will absorb up to 2% moisture content at normal humidity making it more flexible
- Resistance to abrasion and cut-through make it ideal for many industrial and electrical applications

## APPLICATIONS

- Most commonly used over wires, wire bundles and harnesses, cable assemblies, tubing and hoses to provide a tough, durable protection
- Tight weave construction prevents penetration by foreign objects while maintaining excellent flexibility
- Can be used in marine applications because it is not attacked by mildew
- Commonly used as a sleeve over filter tubes in certain chemical and water filtration units
- Can be used as a base fabric and coated for electrical applications or as a reinforcing fabric in composite construction



## DIMENSIONS

PART NUMBER (COLOR: BLACK)	SIZE NOMINAL I.D.	APPROX. WEIGHT/1000 FT.	STD. SPOOL PUT-UP
97420125	1/8"	3.8 lbs.	1000 ft.
97420187	3/16"	5.7 lbs.	1000 ft.
97420250	1/4"	8.9 lbs.	500 ft.
97420312	5/16"	9.9 lbs.	500 ft.
97420375	3/8"	10.9 lbs.	500 ft.
97420500	1/2"	21.3 lbs.	250 ft.
97420625	5/8"	18.5 lbs.	250 ft.
97420750	3/4"	31.5 lbs.	250 ft.
97420875	7/8"	43.5 lbs.	100 ft.
97421000	1"	51.5 lbs.	100 ft.
97421250	1-1/4"	47.6 lbs.	100 ft.
97421500	1-1/2"	64.5 lbs.	100 ft.
97422000	2"	90.0 lbs.	100 ft.
97422500	2-1/2"	103.0 lbs.	100 ft.

The information provided above represents average values and is believed to be reliable. Alta Technologies, Inc. makes no warranties as to its accuracy and disclaims any liability in connection with its use. It is provided for general use only and should not be incorporated into any specific specifications.



## TESTING

### PROPERTIES

- Tensile Strength
- Specific Gravity
- Dielectric Constant  
@ 1000 Hz, 18% RH and 70°F
- Moisture Absorption (24 hours)
- Melt Temperature
- Sleeving Specification

### TEST METHOD

- ASTM D-876
- ASTM D-876
- ASTM D-570
- MIL-S-47053/AA-59301A

### PERFORMANCE

- 80,000 psi
- 1.14
- 4.0
- 0.04%
- 250°C



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