

# Technical Data Sheet & Laundry Instructions

## Tech Wear's NYLOSTAT

(Applicable garments: 361ACS, 361ACQ, 361ACB, 371ACS, 371ACS, 371ACQ, 371ACB)

Fabric weight: 5 oz per square yard.

Color selection: NASA, Royal Blue or White

Fabric content: 80% polyester, 19% cotton and 1% carbon modified nylon in a WOVEN grid pattern.

**Easy Care Performance** - NYLOSTAT is precured soil-release resin finish to offer *easy care* characteristics to garments. Such properties as wrinkle resistance in use and no iron properties when washed and tumble dried minimize the maintenance effort for the worker.

**Surface Resistivity** - Electrical resistivity influences the accumulation of electrostatic charge on a fabric. Specimens conditioned at 50% relative humidity and 70°F are tested for resistance to passage of electrical current. The surface resistivity should be less than  $10^{11}$  ohms/unit square.

**Voltage Decay Test** - Using a standard test procedure to apply both positive and negative 5000 volt charges to fabric samples, the time required for a specimen to drop to 10% of charge potential and for complete dissipation of the charge are measured. The shorter the time to zero voltage the better a material's ability to dissipate a charge induced on the surface is when grounded.

**Laundrying Instructions:** Wash at low temperature with a mild detergent. Tumble dry at low heat. Do not bleach.

### Test Results:

Description Surface Voltage Decay Resistivity Time (sec.)ohms/unit sq.) to <10% Orig.

Unlaundered  $2.6 \times 10^6$  <0.01 seconds

25 launderings  $4.7 \times 10^8$  <0.01 seconds

50 launderings  $4.8 \times 10^9$  <0.01 seconds