

1. Function:

Provide your staff with Arstat protective garments to minimize the effects of electrostatic charges while encompassing a professional appearance throughout the facility. All Arstat's ESD smocks offer protection from the electrostatic fields generated by personnel's clothing. Our smocks create a faraday cage around the torso of the user. Combining our premium materials with a high percentage of carbon nylon monofilament will allow all charges to drain from the wearer or the wearer's clothing in a slow controlled manner while protecting them from any further charges or damage to ESD sensitive items.

2. Standards:

Meets ESD Association Garment Standard, ESD-STM2.1

3. Specifications:

- Surface Resistivity: 10^5 - 10^6 ohms, per ESD-STM2.1
- Static Decay Test: 5000 volts to effective 0 volts in less than .01 seconds
- Fabric Weight: 4 oz
- Colours Electric: Blue & White
- Fabric Content: 98% polyester/2% carbon monofilament nylon

4. Maintenance:

Arstat ESD protective smocks must be laundered periodically. We recommend using liquid detergents over dry due to the caking and frictional wear concerns. We recommend you launder the garments in cool or warm water and tumble dry with a low heat or even hang them to dry. When attempting to launder the garments using a washing machine, we recommend using the gentle cycle. For industrial laundering machines it is suggested to use smaller load capacity machines rather than large industrial machines because it may cause premature wear. Again, all our garments must be tumble dried using low heat or hang drying. All Arstat fabrics are procuring resin treated polyester/cotton/suffused nylon blends typical of fabrics used for permanent press garments. Our fabrics are designed to provide an acceptable flat appearance after washing and drying using the aforementioned procedures.

Final Recommendations:

1. Do not over dry the smocks
2. We do not recommend tunnel finishing for this fabric
3. The use of bleach or chlorine is **NOT RECOMMENDED!!**

* Cleaning instructions are the recommended procedures of the fabric manufacturer*

5. Part Numbers: 4700/4701

4700 Series Lab Coats – Knee Length Coats

| Smock Size | Blue # | White # | Chest Size | Sleeve |
|-------------|----------------------|------------------|------------|--------|
| Extra Small | 4700-0000-XSE | 4701-0000 | 30" - 32" | 21.5" |
| Small | 4700-0001-SME | 4701-0001 | 34" - 36" | 22.0" |
| Medium | 4700-0002-MDE | 4701-0002 | 38" - 40" | 22.5" |
| Large | 4700-0003-LGE | 4701-0003 | 42" - 44" | 23.0" |
| Extra Large | 4700-0004-XLE | 4701-0004 | 46" - 48" | 23.5" |
| 2X Large | 4700-0005-XXL | 4701-0005 | 50" - 52" | 24.0" |
| 3X Large | 4700-0006 | 4701-0006 | 54" - 56" | 24.5" |
| 4X Large | 4700-0007 | 4701-0007 | 58" - 60" | 25.0" |
| 5X Large | 4700-0008 | 4701-0008 | 62" - 64" | 25.5" |
| 6X Large | 4700-0009 | 4701-0009 | 66" - 68" | 26.0" |
| 7X Large | 4700-0010 | 4701-0010 | 70" - 72" | 26.5" |
| 8X Large | 4700-0011 | 4701-0011 | 74" - 76" | 27.0" |



6. Part Numbers: 4750/4751

4750 Series Lab Jackets – Waist Length Coats

| Smock Size | Blue # | White # | Chest Size | Sleeve |
|-------------|----------------------|------------------|------------|--------|
| Extra Small | 4750-0000-XSE | 4751-0000 | 30" - 32" | 21.5" |
| Small | 4750-0001-SME | 4751-0001 | 34" - 36" | 22.0" |
| Medium | 4750-0002-MDE | 4751-0002 | 38" - 40" | 22.5" |
| Large | 4750-0003-LGE | 4751-0003 | 42" - 44" | 23.0" |
| Extra Large | 4750-0004-XLE | 4751-0004 | 46" - 48" | 23.5" |
| 2X Large | 4750-0005-XXL | 4751-0005 | 50" - 52" | 24.0" |
| 3X Large | 4750-0006 | 4751-0006 | 54" - 56" | 24.5" |
| 4X Large | 4750-0007 | 4751-0007 | 58" - 60" | 25.0" |
| 5X Large | 4750-0008 | 4751-0008 | 62" - 64" | 25.5" |
| 6X Large | 4750-0009 | 4751-0009 | 66" - 68" | 26.0" |
| 7X Large | 4750-0010 | 4751-0010 | 70" - 72" | 26.5" |
| 8X Large | 4750-0011 | 4751-0011 | 74" - 76" | 27.0" |

