



PRODUCT SPECIFICATION

LAUNDERED POLYESTER NON-FOLDED WIPES STERILE AND NON-STERILE

WhiteGuard **3**

PRODUCT INFORMATION

PRODUCT DESCRIPTION

Specifically designed for use in Cleanroom Environments as a hard surface wipe especially suitable for product transfer areas the Micronclean range of Polyester wipes is available in both Sterile and Non-Sterile.

All Micronclean Polyester wipes are produced from a knitted fabric manufactured from 100% continuous filament polyester and have laser sealed edges.

All laundered wipes are processed in a ISO Class 5 (Class 100) Cleanroom and packed in an ISO 4 (Class 10) Cleanroom.

PRODUCT FEATURES

Reduced particle release

Good absorbency

Produced from a knitted fabric manufactured from 100% continuous filament polyester

Available in Sterile and Non-Sterile Forms

Various sizes and pack configurations to match your needs

STERILISATION

Where applicable Gamma irradiation (minimum 25kGy dose)

PACKAGING

Supplied packed in an inner and outer Polyethylene bag

QUALITY ASSURANCE

Product supplied under BS EN ISO 9001 registered systems

SHELF LIFE

2 years from date of manufacture
WSTG05009, WSPW80009,
MCDELN50S

3 years from date of manufacture
WNTG04009, WNTG05009,
WNTG050012, WSDPE5010

STORAGE CONDITIONS

Store in cool, well-ventilated area

TECHNICAL INFORMATION

POLYESTER SPECIFICATION

| | | |
|--|-----------------|---|
| Basis Weight | | 135 ± 5 gsm - WNTG04009, MCDELN50S 120 ± 5 gsm - WNTG05009, WNTG050012, WSTG05009, WSDPE5010, WSPW80009 |
| Thickness | | 0.48 – 0.56 mm |
| Absorbency Capacity (IEST-RP-CC004.3, Sec 8.1) | | ≥ 300 ml/m ² |
| Absorbency Rate (IEST-RP-CC004.3, Sec 8.2) | | < 1.0 sec |
| Organics by FTIR (IEST-RP-CC004.3, Sec 7.2.1) | | No Silicone oil, Amide, DOP detected |
| Non-volatile Residue, NVR (IEST-RP-CC004.3, Sec 7.1.2) | | |
| | In DI water | ≤ 0.82 mg/g |
| | In IPA | |
| Particles by LPC sizes@≥ 0.5um(IEST-RP-CC004.3, Sec 6.1.4) | | ≤ 7.0 x 10 ⁶ counts/m ² |
| Particles by APC sizes@≥ 0.5um(IEST-RP-CC003.2, Helmke drum@10rpm) | | ≤ 50 counts/pc/cfm |
| Ionics, IC (IEST-RP-CC004.3, Sec 7.2.2) | | ≤ 0.24 mg/g - delete |
| | Cl | ≤ 0.002 mg/g |
| | NO ₃ | ≤ 0.002 mg/g |
| | NO ₂ | ≤ 0.002 mg/g |
| | SO ₄ | < 0.07 mg/g |
| | Na | ≤ 0.002 mg/g |
| | K | ≤ 0.02 mg/g |
| | Mg | ≤ 0.002 mg/g |
| | Ca | ≤ 0.040 mg/g |

RECYCLING INFORMATION

| Component Name: | Component Material: | Disposal: | Guidance: |
|-----------------|---|-----------------------------|---|
| Wipe | 100% Polyester | Recyclable | Recycle unless used with hazardous materials then dispose of as hazardous waste |
| Product Label | Coated Paper with a Polyacrylate Adhesive | Non-recyclable | Remove from Polybag |
| Packaging Tape | Biaxially Oriented PP (BOPP) with Polyacrylate Adhesive | Non-recyclable | Remove from Box |
| Polybag | LDPE | Recyclable | Check with local authority , remove any labels |
| Box Label | Coated Paper with a Polyacrylate Adhesive | Non-recyclable Individually | Leave on Cardboard Box |
| Box | Cardboard | Recyclable | Remove Packaging Tape |

ORDERING/PACKING INFORMATION

| Non Sterile Code | Sterile Code | Description | Size | Pack Qty | Box Qty | Box Size | Weight |
|------------------|--------------|---|---------------------|----------|-----------------|-------------|--------|
| WNTG04009 | | WhiteGuard 3 Laundered Polyester Non-Folded Wipes Non-Sterile | 230x230mm (9"x9") | 100 | 10 packs of 100 | 480x250x260 | 9.8kg |
| WNTG05009 | | WhiteGuard 3 Laundered Polyester Non-Folded Wipes Non-Sterile | 230x230mm (9"x9") | 150 | 10 packs of 150 | 480x240x420 | 10.9kg |
| WNTG05012 | | WhiteGuard 3 Laundered Polyester Non-Folded Wipes Non-Sterile | 300x300mm (12"x12") | 150 | 10 packs of 150 | 630x340x440 | 18.8kg |
| | WSTG05009 | WhiteGuard 3 Laundered Polyester Non-Folded Wipes Sterile | 230x230mm (9"x9") | 150 | 10 packs of 150 | 570x330x400 | 10.9kg |
| | WSDPE5010 | WhiteGuard 3 Laundered Polyester Non-Folded Wipes Sterile | 300x300mm (12"x12") | 50 | 10 packs of 50 | 360x340x230 | 6.0kg |
| | WSPW80009 | WhiteGuard 3 Laundered Polyester Non-Folded Wipe Sterile | 230x230mm (9"x9") | 150 | 10 packs of 150 | 490x260x360 | 10.2kg |
| | MCDELN50S | WhiteGuard 3 Laundered Polyester Non-Folded Wipe Sterile | 300x300mm (12"x12") | 50 | 12 packs of 50 | 383x383x383 | 8.8kg |