



# Sterile Polynit Heatseal Wipes

Sterile Polynit Heatseal Wipes are made of 100% knitted polyester that is laser cut to bond the fibers at the edges of the wipe. This creates a very clean nonabrasive edge that allows full utilization of the wipe surface. The wipe is chemical resistant and exceptionally low in particles and extractable residue making it ideal for critical cleaning. They have good sorbency with solvents and are abrasion and chemical resistant.

These wipes are validated sterile to a  $10^{-6}$  SAL per ANSI/AAMI/ISO 11137 guidelines so it can be used in the highest grade life science cleanrooms.



| Features   | Benefits  |
|--|---|
| Laundered knitted 100% polyester fabric  | <ul style="list-style-type: none"> <li>Extremely low levels of particles and fibers</li> <li>Good abrasion and chemical resistance</li> </ul>                 |
| Laser-cut sealed edges   | <ul style="list-style-type: none"> <li>Prevents release of fibers</li> <li>Clean nonabrasive edges allow for full utilization of the wipes surface</li> </ul> |
| Validated sterile via gamma irradiation to a $10^{-6}$ Sterility Assurance Level | <ul style="list-style-type: none"> <li>Suitable for use in ISO 3-8 (Grade A/B) cleanrooms</li> </ul>  |

| Part No. | Description   | Packaging             |
|----------|---|-----------------------|
| PN-99IR  | Sterile Polynit Heatseal Wipes, 9" x 9" (23x23cm), Flat stacked       | 10/bag; 100 bags/case |
| LWPS0006 | Sterile Polynit Heatseal Wipes, 9" x 9" (23x23cm), Flat stacked       | 25/bag; 48 bags/case  |
| LWPS0007 | Sterile Polynit Heatseal Wipes, 12" x 12" (30.5x30.5cm), Flat stacked | 25/bag; 40 bags/case  |
| LWPS0027 | Sterile Polynit Heatseal Wipes, 9" x 9" (23x23cm), Flat stacked       | 75/bag; 16 bags/case  |

**Product Information**

|                     |  |
|---------------------|--|
| Wipe Material       | 100% polyester   |
| Wipe Construction   | Interlock Knit, no-run   |
| Packaging Materials | Outer bags (OB1, OB2), low density polyethylene (LDPE) <br>Case (CS), corrugated fiberboard (PAP)  |
| Environment         | ISO 3-8 Grade A/B  |
| Shelf Life          | 2 years from manufacturing date  |


**Technical Data**

| Attribute (units)                                   | Typical Value | Test Method                 |
|---|---------------|-----------------------------|
| Basis weight; nominal (g/m <sup>2</sup> )           | 140           | Contec Method               |
| Sorbent capacity; (mL/m <sup>2</sup> )              | 327           | IEST-RP-CC004.3, Sec. 8.1   |
| Sorptive rate; (seconds)                            | <1            | IEST-RP-CC004.3, Sec. 8.2   |
| Non-volatile residue, NVR                           |               | IEST-RP-CC004.3, Sec. 7.1.2 |
| In deionized water; (g/m <sup>2</sup> )             | 0.011         |                             |
| In isopropanol; (g/m <sup>2</sup> )                 | 0.005         |                             |
| Specific ions                                       |               | IEST-RP-CC004.3, Sec. 7.2.2 |
| Sodium; (ppm)                                       | 0.057         |                             |
| Chloride; (ppm)                                     | 0.015         |                             |
| Particles, readily releasable                       |               |                             |
| P ≥ 0.5µm; (x10 <sup>6</sup> /m <sup>2</sup> )      | 2.2           | IEST-RP-CC004.2, Sec. 5.1   |
| Fibers > 100µm; (x10 <sup>3</sup> /m <sup>2</sup> ) | 0.122         | IEST-RP-CC004.2, Sec. 5.2   |

**Packaging**

|          | EA/OB1 | OB1/OB2 | OB2/CS | EA/CS |
|----------|--------|---------|--------|-------|
| LWPS0006 | 25     | 4       | 12     | 1200  |
| LWPS0007 | 25     | 4       | 10     | 1000  |
| PN-99IR  | 10     | 10      | 10     | 1000  |

  

|          | EA/OB1 | OB1/OB2 | OB2/OB3 | OB3/CS | EA/CS |
|----------|--------|---------|---------|--------|-------|
| LWPS0027 | 75     | 1       | 2       | 8      | 1200  |

EA = Each, OB1 = Outer Bag 1, OB2 = Outer Bag 2, OB3 = Outer bag 3, CS = Case

**Notes**

- a) The data shown are typical values and should not be used as product specifications.
- b) Valid product comparisons may only be obtained through side-by-side testing in the same test facility, under similar conditions.
- c) Current and/or comparison data may be available. Please contact a Contec sales representative for details.

**Test Methods:**

- 1) CTM Contec Test Method
- 2) IEST-RP-CC004.3 Evaluating Wiping Materials Used in Cleanroom and Other Controlled Environments, Institute of environmental Sciences and Technology, Rolling Meadows IL.

**Recycle Symbol Key**

|      |   |
|------|---|
| PET  |  |
| HDPE |  |
| LDPE |  |
| PP   |  |
| PAP  |  |