



Polynit Heatseal Wipes

Polynit Heatseal Wipes are made of 100% knitted textured polyester with laser cut sealed edges for very low levels of particles and fibers. Polyester wipes are chemically resistant and exceptionally low in particles and fibers. An interlock knit creates a durable fabric, the addition of a periodic additional stitch of a no-run interlock knit prevents the fabric unraveling creating an even more durable fabric with strong edges. They have good sorbency with solvents and are abrasion and chemical resistant.



| Features | Benefits |
|----------------------------------|--|
| 100% laundered knitted polyester | <ul style="list-style-type: none"> • Very low levels of particles and fibers • Good abrasion and chemical resistance |
| Laser sealed edges | <ul style="list-style-type: none"> • Reduces fiber generation from the edge of the wipe |

| Part No. | Description | Packaging |
|--------------|---|------------------------------|
| PNHS-66 | Polynit Heatseal Wipes, 6" x 6" (15x15cm), Flat stacked | 75 wipes/bag; 40 bags/case |
| PNHS-44 | Polynit Heatseal Wipes, 4" x 4" (10x10cm), Flat stacked | 300 wipes/bag; 16 bags/case |
| PNHS-44B | Polynit Heatseal Wipes, 4" x 4" (10x10cm), Bulk | 600 wipes/bag; 12 bags/case |
| PNHS-22B | Polynit Heatseal Wipes, 2" x 2" (5x5cm), Bulk | 1250 wipes/bag; 10 bags/case |
| PNHS-99 | Polynit Heatseal Wipes, 9" x 9" (23x23cm), Flat stacked | 75 wipes/bag; 16 bags/case |
| PNHS-99B | Polynit Heatseal Wipes, 9" x 9" (23x23cm), Bulk | 300 wipes/bag; 4 bags/case |
| PNHS-99B/150 | Polynit Heatseal Wipes, 9" x 9" (23x23cm), Bulk | 150 wipes/bag; 8 bags/case |
| PNHS-1212 | Polynit Heatseal Wipes, 12" x 12" (30.5x30.5cm), Flat stacked | 75 wipes/bag; 10 bags/case |
| PNHS-1212B | Polynit Heatseal Wipes, 12" x 12" (30.5x30.5cm), Bulk | 75 wipes/bag; 10 bags/case |
| PN-1818 | Polynit Wipes, 18" x 18" (46x46cm), Folded stacked | 50 wipes/bag; 6 bags/case |
| LWPN0020 | Polynit Heatseal Wipes, 35" x 25" (89x64cm), Bulk | 15 wipes/bag; 8 bags/case |

Product Information

| | |
|--------------|------------------------|
| Material | 100% polyester |
| Construction | Interlock knit, no-run |
| Environment | ISO 3-8 Grade C/D |

Technical Data

| Attribute (units) | Typical Value | Test Method |
|---|---------------|-----------------------------|
| Basis weight; nominal (g/m ²) | 140 | Contec Method |
| Sorbent capacity; (mL/m ²) | 380 | IEST-RP-CC004.3, Sec. 8.1 |
| Sorptive rate; (seconds) | 1.2 | |
| Non-volatile residue, NVR | | IEST-RP-CC004.3, Sec. 7.1.1 |
| In deionized water; (g/m ²) | 0.007 | |
| In isopropanol; (g/m ²) | 0.027 | |
| Specific ions | | IEST-RP-CC004.3, Sec. 7.2.2 |
| Sodium; (ppm) | 0.107 | |
| Chloride; (ppm) | 0.030 | |
| Particles, readily releasable | | |
| P ≥ 0.5µm; (x10 ⁶ /m ²) | 4.96 | IEST-RP-CC004.3, Sec. 6.1.3 |
| Fibers > 100µm; (x10 ³ /m ²) | 0.121 | IEST-RP-CC004.3, Sec. 6.2.2 |


Packaging

| | EA/OB1 | OB1/OB2 | OB2/ CS | EA/CS |
|--------------|--------|---------|---------|-------|
| PNHS-66 | 75 | 4 | 10 | 3000 |
| PNHS-44 | 300 | 1 | 16 | 4800 |
| PNHS-44B | 600 | 1 | 12 | 7200 |
| PNHS-22B | 1250 | 1 | 10 | 12500 |
| PNHS-99 | 75 | 2 | 8 | 1200 |
| PNHS-99B | 300 | 1 | 4 | 1200 |
| PNHS-99B/150 | 150 | 1 | 8 | 1200 |
| PNHS-1212 | 75 | 1 | 10 | 750 |
| PNHS-1212B | 75 | 1 | 10 | 750 |
| PN-1818 | 50 | 1 | 6 | 300 |
| LWPN0020 | 15 | 1 | 8 | 120 |

EA = Each, OB1 = Outer Bag 1, OB2 = Outer Bag 2, 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.