



# Polynit Heatseal Wipes



Polynit Heatseal Wipes are made of 100% knitted textured polyester with laser 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"> <li>• Very low levels of particles and fibers</li> <li>• Good abrasion and chemical resistance</li> </ul>
Laser sealed edges	<ul style="list-style-type: none"> <li>• Reduces fiber generation from the edge of the wipe</li> </ul>

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

**Product Information**

Material	100% polyester
Construction	Interlock knit, no-run
Packaging Materials	Outer bags (OB1, OB2), low density polyethylene (LDPE)  Case (CS), corrugated fiberboard (PAP) 
Environment	ISO 3-8 Grade C/D


**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> )	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 <sup>2</sup> )	0.007	
In isopropyl alcohol; (g/m <sup>2</sup> )	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 <sup>6</sup> /m <sup>2</sup> )	4.96	IEST-RP-CC004.3, Sec. 6.1.3
Fibers > 100µm; (x10 <sup>3</sup> /m <sup>2</sup> )	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.

**Recycle Symbol Key**

PET	
HDPE	
LDPE	
PP	
PAP	