

Polynit Heatseal Wipes

100% no-run interlock knit polyester wipe with sealed edges



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 stitch of a no-run interlock knit prevents the fabric from unraveling. 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	Size	Packaging
PNHS-66	Polynit Heatseal Wipes, Flat stacked	6" x 6" (152 x 152 mm)	75/bag; 10 bags/case
PNHS-44	Polynit Heatseal Wipes, Flat stacked	4" x 4" (102 x 102 mm)	300/bag; 16 bags/case
PNHS-44B	Polynit Heatseal Wipes, Bulk	4" x 4" (102 x 102 mm)	600/bag; 12 bags/case
PNHS-22B	Polynit Heatseal Wipes, Bulk	2" x 2" (51 x 51 mm)	1250/bag; 10 bags/case
PNHS-99	Polynit Heatseal Wipes, Flat stacked	9" x 9" (230 x 230 mm)	150/bag; 8 bags/case
PNHS-99B	Polynit Heatseal Wipes, Bulk	9" x 9" (230 x 230 mm)	300/bag; 4 bags/case
PNHS-99B/150	Polynit Heatseal Wipes, Bulk	9" x 9" (230 x 230 mm)	150/bag; 8 bags/case
PNHS-1212	Polynit Heatseal Wipes, Flat stacked	12" x 12" (305 x 305 mm)	75/bag; 10 bags/case
PNHS-1212B	Polynit Heatseal Wipes, Bulk	12" x 12" (305 x 305 mm)	75/bag; 10 bags/case
PNHS-99QP	Polynit Heatseal Wipes, Quick pick	9" x 9" (230 x 230 mm)	50/bag; 16 bags/case

Product Information

Material	<ul style="list-style-type: none"> 100% polyester
Construction	<ul style="list-style-type: none"> No-run interlock knit
Packaging materials	<ul style="list-style-type: none"> Outer bags (OB1, OB2), low density polyethylene (LDPE)  Case (CS), corrugated fiberboard (PAP) 
Environment	<ul style="list-style-type: none"> ISO 3-8 Grade C/D



Recycle Symbols



Technical Data		
Attribute (units)	Typical Value	Test Method
Basis weight, nominal; (g/m ²)	142	Contec Method
Sorbency in water		IEST-RP-CC004.3, Sec. 8.1
Intrinsic; (mL/g)	2.50	
Extrinsic; (mL/m ²)	355	
Sorptive rate; (seconds)	1.0	IEST-RP-CC004.3, Sec. 8.2
Non-volatile residue, NVR		IEST-RP-CC004.3, Sec. 7.1.2
In deionized water; (g/m ²)	0.006	
In isopropyl alcohol; (g/m ²)	0.016	
Specific ions		IEST-RP-CC004.3, Sec. 7.2.2
Sodium; (ppm)	0.098	
Chloride; (ppm)	0.067	
Particles, readily releasable		
Particles $\geq 0.5\mu\text{m}$; ($\times 10^6/\text{m}^2$)	6.11	IEST-RP-CC004.2, Sec 5.1
Fibers $\geq 100\mu\text{m}$; ($\times 10^3/\text{m}^2$)	0.073	IEST-RP-CC004.2, Sec 5.2

Packaging	EA/OB1	OB1/OB2	OB2/CS	EA/CS
PNHS-66	75	4	10	3,000
PNHS-44	300	1	16	4,800
PNHS-44B	600	1	12	7,200
PNHS-22B	1,250	1	10	12,500
PNHS-99	75	2	8	1,200
PNHS-99B	300	1	4	1,200
PNHS-99B/150	150	1	8	1,200
PNHS-1212	75	1	10	750
PNHS-1212B	75	1	10	750
PNHS-99QP	50	2	8	800

EA = each; OB = outer bag; 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. IEST-RP-CC004.2/4.3 = Evaluating Wiping Materials Used in Cleanroom and Other Controlled Environments, Institute of environmental Sciences and Technology, Rolling Meadows IL