

Polynit Wipes

100% no-run interlock knit polyester wipe with knife cut edges

Polynit Wipes are made of 100% knitted textured polyester with knife cut edges for a very soft wipe. The soft edge is ideal for use on surfaces which are vulnerable to scratching. 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.

The wipes are laundered and packaged in a cleanroom. They have good sorbency with solvents and are abrasion and chemical resistant.

A validated sterile version is available.

These wipes meet the requirements of USP<797> and IEST-CC-RP004.4 for “non-shedding, low-lint, lint-free wipes”.



Features	Benefits
Laundered knitted 100% polyester fabric	Extremely low levels of particles and fibers
Soft edge	Ideal for use on surfaces which are vulnerable to scratching
100% knitted polyester	Makes it compatible with many solvents

Part No.	Description	Size	Packaging
PN-44	Polynit Wipes Flat stacked	4" x 4" (102 x 102 mm)	300/bag; 16 bags/case
PN-44B	Polynit Wipes Bulk	4" x 4" (102 x 102 mm)	600/bag; 8 bags/case
PN-99	Polynit Wipes Flat stacked	9" x 9" (230 x 230 mm)	75/bag; 16 bags/case
PN-99 B	Polynit Wipes Bulk	9" x 9" (230 x 230 mm)	300/bag; 4 bags/case
PN-99B/150	Polynit Wipes Bulk	9" x 9" (230 x 230 mm)	150/bag; 8 bags/case
PN-1212	Polynit Wipes Flat stacked	12" x 12" (305 x 305 mm)	75/bag; 10 bags/case
PN-1212B	Polynit Wipes Bulk	12" x 12" (305 x 305 mm)	150/bag; 4 bags/case

Product Information	
Material	100% polyester
Construction	Interlock knit
Packaging materials	Outer bags (OB1, OB2), low density polyethylene (LDPE)  Case (CS), corrugated fiberboard (PAP) 
Environment	ISO 3-8 Grade C/D



Recycle Symbols				
PET	HDPE	LDPE	PP	PAP
				

Technical Data

	PN-99B, PN-99B/150, PN-1212B	PN-44, PN-44B, PN-99, PN-1212	
Attribute (units)	Typical Value	Typical Value	Test Method
Basis weight, nominal; (g/m ²)	140	140	Contec Method
Sorbent capacity; (mL/m ²)	369	357	IEST-RP-CC004.3, Sec. 8.1
Sorptive rate; (seconds)	<1	<1	
Non-volatile residue, NVR			IEST-RP-CC004.3, Sec. 7.1.2
In deionized water; (g/m ²)	0.007	0.003	
In isopropyl alcohol; (g/m ²)	0.011	0.018	
Specific ions			IEST-RP-CC004.3, Sec. 7.2.2
Sodium; (ppm)	0.157	0.119	
Chloride; (ppm)	0.126	0.042	
Particles, readily releasable			IEST-RP-CC004.2, Sec. 5.1
Particles $\geq 0.5\mu\text{m}$; (x10 ⁶ /m ²)	1.52	6.9	
Fibers $\geq 100\mu\text{m}$; (x 10 ³ /m ²)	0.766	0.53	

Packaging	EA/OB1	OB1/OB2	OB2/CS	EA/CS
PN-44	300	1	16	4,800
PN-44B	600	1	8	4,800
PN-99	75	2	8	1,200
PN-99B	300	1	4	1,200
PN-99B/150	150	1	8	1,200
PN-1212	75	1	10	750
PN-1212B	150	1	4	600

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.
d) All of Contec's packaging is compatible with hydrogen peroxide gassing applications.
e) These wipes are free of lint and loose fibers, and meet the definition of lint-free/low linting wipes according to the United States Pharmacopoeia Chapter 797 (USP-NF General Chapter <797> Pharmaceutical Compounding - Sterile Preparations) and the Institute of Environmental Sciences and Technology Recommended Practice IEST-RP-CC004.4

Test Methods:

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

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