Sterile Polynit Heatseal Wipes

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

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.

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 • Good abrasion and chemical resistance
Laser-cut sealed edges	• Prevents release of fibers • Clean nonabrasive edges allow for full utilization of the wipes surface
Validated sterile to a 10^{-6} SAL per ANSI/AAMI/ISO 11137	• Suitable for use in ISO 3-8 (Grade A/B) cleanrooms

Part No.	Description		Size	Packaging
PN-99IR	Sterile Polynit Heatseal Wipes, Flat stacked	Sterile	9” x 9” (230 x 230 mm)	10/bag; 100 bags/case
LWPS0006	Sterile Polynit Heatseal Wipes, Flat stacked	Sterile	9” x 9” (230 x 230 mm)	25/bag; 48 bags/case
LWPS0007	Sterile Polynit Heatseal Wipes, Flat stacked	Sterile	12” x 12” (305 x 305 mm)	25/bag; 40 bags/case
LWPS0027	Sterile Polynit Heatseal Wipes, Flat stacked	Sterile	9” x 9” (230 x 230 mm)	75/bag; 16 bags/case

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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 A/B
Shelf life	2 years from manufacturing date

Recycle Symbols

PET 1
HDPE 2
LDPE 4
PP 5
PAP 20

Technical Data		
Attribute (units)	**Typical Value**	**Test Method**
Basis weight, nominal; (g/m^2)	140	Contec Method
Sorbent capacity; (mL/m^2)	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^2)	0.011	
In isopropyl alcohol; (g/m^2)	0.005	
Specific ions		IEST-RP-CC004.3, Sec. 7.2.2
Sodium; (ppm)	0.057	
Chloride; (ppm)	0.015	
Particles, readily releasable		
Particles $\geq$ 0.5µm; ($x10^6/m^2$)	2.2	IEST-RP-CC004.2, Sec. 5.1
Fibers $\geq$ 100µm; ($x\ 10^3/m^2$)	0.122	IEST-RP-CC004.2, Sec. 5.2

Packaging	EA/OB1	OB1/OB2	OB2/CS	EA/CS
LWPS0006	25	4	12	1,200
LWPS0007	25	4	10	1,000
PN-99IR	10	10	10	1,000

	EA/OB1	OB1/OB2	OB2/OB3	OB3/CS	EA/CS
LWPS0027	75	1	2	8	1,200

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. 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.

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