

PROSAT

Polynit Heatseal Wipes

100% knitted polyester presaturated with 70% IPA



PROSAT Polynit Heatseal Wipes are manufactured from 100% knitted textured polyester with laser-cut sealed edges for very low levels of particles and fibres. Polyester wipes are chemically resistant and exceptionally low in particles and fibres. An interlock knit creates a durable fabric, the addition of a periodic additional stitch of a no-run interlock knit prevents the fabric unravelling creating an even more durable fabric with strong edges.

The wipes are laundered and packed in a cleanroom. Through years of continuous improvement, we have created processes that minimise nonvolatile residues (NVRs) and particles, yet result in a sorbent wipe with excellent functionality.

The wipes are presaturated with a blend of 70% IPA and deionised water. Presaturated wipes ensure consistent saturation of each wipe independent of operator. Presaturated wipes can increase solvent control and accountability as well as reduce VOC emissions. The wipes are provided in convenient, easy to use peel and reseal pouches.

PROSAT Polynit Heatseal Wipes are available sterile by gamma irradiation, validated per AAMI guidelines to a 10^{-6} SAL so can be used in the highest grade cleanrooms.

When used as a disinfectant, the IPA wipes are efficacious against bacteria in 1 min and yeasts in 3 mins. PROSAT Polynit Heatseal wipes are authorised for sale in the EU and United Kingdom under the EU and GB Biocidal Products Regulation.



Features	Benefits
Laundered knitted 100% polyester	Extremely low levels of particle and fibres
Laser sealed edges	Reduces fibre generation from the edge of the wipe
Available validated sterile	Suitable for use in Grade A zones
Resealable pouch	- Easy to quickly remove wipes from pouch - Maintains saturation levels throughout use
Presaturated with 70% IPA and 30% DI water	- Convenient and easy to use, reduces VOC's - Controlled saturation levels and effective, fast-drying disinfection

For more information or to request a sample,
email infoeu@contecinc.com or phone +33 (0) 2 97 43 76 98

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Ordering Information

Part no.	Description	Size	Packaging
PS-HS9-7030-BPR	PROSAT Polynit Heatseal Wipes Presaturated with 70% IPA and 30% DI Water	230 x 230mm (flatstacked)	30 wipes per pouch 50 pouches per case
PSPS0047	PROSAT Polynit Heatseal Wipes Presaturated with 70% IPA and 30% DI Water	300 x 300mm (flatstacked)	30 wipes per pouch 30 pouches per case
PSPS0044	PROSAT Sterile Polynit Heatseal Wipes Presaturated with 70% IPA and 30% DI Water	100 x 100mm	20 wipes per pouch 64 pouches per case
PSPS0076-BPR	PROSAT Sterile Polynit Heatseal Wipes Presaturated with 70% IPA and 30% DI Water	230 x 230mm	20 wipes per pouch 40 pouches per case
PSPS0077-BPR	PROSAT Sterile Polynit Heatseal Wipes Presaturated with 70% IPA and 30% DI Water	230 x 230mm	20 wipes per pouch 40 pouches per case
PSPS0091-BPR	PROSAT Sterile Polynit Heatseal Wipes Presaturated with 70% IPA and 30% DI Water	300 x 300mm (flatstacked)	20 wipes per pouch 20 pouches per case

Product Information

Features	Benefits
Material	100% Polyester (PET) 
Construction	Interlock Knit, no-run
Saturant	70% IPA (USP Grade) with 30% DI water
Sterility	Gamma irradiated to a validated SAL 10 ⁻⁶
Shelf life	Sterile: 2 years from manufacturing date
Environment	ISO 3 - 6 Grade A/B for sterile, C/D for nonsterile



Efficacy Information

Test	Description	Log Reduction	Time	Test	Description	Log Reduction	Time
EN16615	<i>E. hirae</i>	>5.03	1 min	EN16615	<i>P. aeruginosa</i>	>5.09	1 min
EN16615	<i>S. aureus</i>	>5.32	1 min	EN16615	<i>C. albicans</i>	>4.06	3 min

Use biocides safely. Always read the label and product information before use.

Technical Data

Attribute (units)	Typical Value	Test Method
Basis weight; nominal (g/m ²)	140	Contec Method
Non-volatile residue, NVR		IEST-RP-CC004.3, Sec. 7.1.2
In deionized water; (g/m ²)	0.001	
In isopropanol; (g/m ²)	0.001	
Specific ions		IEST-RP-CC004.3, Sec. 7.2.2
Sodium; (ppm)	0.018	
Chloride; (ppm)	0.003	
Particles, readily releasable		
P > 0.5µm; (x10 ⁶ /m ²)	2.6	IEST-RP-CC004.2, Sec. 5.1
Fibres >100µm; (x10 ³ /m ²)	0.142	IEST-RP-CC004.2, Sec. 5.2

Packaging Information

Packaging Materials

Outer bags	Low density polyethylene (LDPE)	
Case	Corrugated fibreboard (PAP)	

Packaging Configuration

VOC Content

	EA/PCH	PCH/OB1	OB1/OB2		EA/CS	Per case/kg	Per pouch/kg
PS-HS9-7030-BPR	30	10	5		900	5.48	0.18
PSPS0047	30	5	4		600	8.69	0.43
PSPS0091-BPR	20	5	5		400	6.40	0.32
	EA/PCH	PCH/OB1	OB1/OB2	OB2/CS	EA/CS		
PSPS0044	20	1	8	8	1280	2.79	0.04
PSPS0076-BPR	20	5	1	8	800	6.09	0.15
PSPS0077-BPR	20	1	5	8	800	6.09	0.15

EA = Wipe, PCH = Pouch, OB = Outer Bag 1/2/3, CS = Case * Not suitable for recycling

Notes

- The data shown are typical values and should not be used as product specifications.
- Valid product comparisons may only be obtained through side-by-side testing in the same test facility, under similar conditions.
- Current and/or comparison data may be available. Please contact a Contec sales representative for details.

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

Recycling Key

