



# PROSAT<sup>®</sup> Si

Nonwoven polyester wipes with 10% Semi Grade IPA / 90% DI water

## Description

Designed for the semiconductor industry, the PROSAT Si offers the cleanest nonwoven wipe available. The durable wipe is made from 100% nonwoven polyester fibers, hydroentagled into an extremely soft, clean, and strong fabric which is very low in both particles and extractables.

The solution blend of 10% 2-propanol and 90% deionized water combines cleaning effectiveness with safety. The semiconductor grade solution is 0.2 micron filtered and meets SEMI specifications for metals. This product has a low IPA concentration for increased safety in semiconductor facilities. Available in convenient, easy to use peel/reseal pouches.

## Technical Data

Wipe material	100% polyester	
Wipe construction	Hydroentangled nonwoven	
Solution of saturation; (blend ratio and constituents)	10% 2-propanol, 90% deionized water, semiconductor grade	
Solvent Grade	Semiconductor	
Attribute; (units)	Value **	Test Method
Basis weight; (g/m <sup>2</sup> )	69	Contec Method
Non-volatile residue, NVR		IEST-RP-CC004.3, Sec. 7.1.2
In deionized water; (g/m <sup>2</sup> )	0.055	
In isopropanol; (g/m <sup>2</sup> )	0.008	
Specific ions		IEST-RP-CC004.3, Sec. 7.2.2
Sodium; (ppm)	1.9	
Chloride; (ppm)	4.7	
Silicone; (ppm)	ND	
Particles, readily releasable		IEST-RP-CC004.2, Sec. 5.1
P ≥ 0.5µm; (x10 <sup>6</sup> /m <sup>2</sup> )	16.5	
Fibers > 100µm; (x10 <sup>3</sup> /m <sup>2</sup> )	1.0	IEST-RP-CC004.2, Sec. 5.2
Saturation volume tolerance;		N/A
< 300 mL	+/- 12%	
300 -1666 mL	+/- 3%	
> 1666 mL	+/- 50 mL	

\*\* ND = None detected; levels are below detection limit of test equipment

Part Number	Description	EA/PCH	PCH/OB1	OB1/CS	EA/CS
PS-Si	PROSAT polyester nonwoven wipes, 10%IPA/ 90% DI water, 9" x 9" (23 x 23cm)	30	10	5	1500

Key: EA = Each, PCH = Pouch, OB1 = Outer Bag 1, CS = Case

### Notes:

- 1) The information presented here is applicable to the part numbers shown above as well as to any product containing the same materials and produced under the same conditions, regardless of product size or packaging configuration. Please contact a Contec sales representative for more details.
- 2) Data shown are typical values and should not be used as product specifications.
- 3) Valid product comparisons may only be obtained through side-by-side testing in the same test facility, under similar conditions.
- 4) Current and/or comparison data may be available. Please contact a Contec sales representative for details.

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**North America**  
P.O. Box 530  
Spartanburg, SC 29304 USA  
Phone: +1-864-503-8333  
www.contecinc.com

**Europe**  
Zl du Prat – RP 3707  
56037 VANNES Cedex  
FRANCE  
+33 297 437 690

**China**  
No.17 Longyun Road  
Suzhou 215024  
CHINA  
+ 86-512-6274 4050