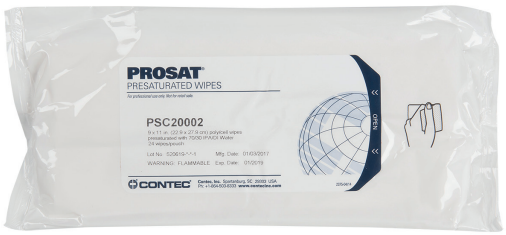
PROSAT® Sigma™ Wipes

Cellulose/polyester nonwoven wipes



PROSAT® Sigma™ wipes consist of cellulose/polyester hydroentangled wipes saturated with a solution of 70% USP grade isopropyl alcohol and 30% deionized water so are ideal for use in life science applications.

Cellulose/polyester wipes are a cost-effective cleanroom wipe, with low levels of particles and fibers. Highly sorbent with good wet strength, the wipes can be used for many general cleaning applications. Ideal for wiping articles prior to pass through, routine cleaning and wipe down of lab tools, instruments and other equipment

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 and easy to use peel and reseal pouches.

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

Features	Benefits
Nonwoven material	• Low in particles and fibers making an excellent general purpose wipes
Presaturated wipes	• To reduce solvent usage and VOC emissions
Resealable pouch	• Wipes are provided in a resealable pouch for ease of use and convenience
Validated sterile to a 10^{-6} SAL per ANSI/AAMI/ISO 11137 guidelines	• Suitable for use in Grade A/B cleanrooms

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Part No.	Description	Size	Packaging
PSC20001	PROSAT® *Sterile*™ Sigma™ Wipes, Presaturated with 70% IPA/30% DI Water (Sterile)	9” x 11” (230 x 280 mm)	24/pouch; 48 pouches/case
PSC20002	PROSAT Sigma Wipes, Presaturated with 70% IPA/30% DI Water	9” x 11” (230 x 280 mm)	24/pouch; 50 pouches/case

Product Information	
Material	55% cellulose/45% polyester
Construction	Hydroentangled
Packaging materials	Pouch (PCH), low-density polyethylene (LDPE)/polyester (PET) Flow-wrap outer bag (FOB), low-density polyethylene (LDPE)/ polyester (PET) Outer bags (OB1, OB2, OB3), low-density polyethylene (LDPE) Case (CS), corrugated fiberboard (PAP)
Environment	ISO 5-8 Grade A/B for sterile, C/D for nonsterile

Recycle Symbols

PET 1 | HDPE 2 | LDPE 4 | PP 5 | PAP 20

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Technical Data		
Attribute (units)	**Typical Value**	**Test Method**
Basis weight, nominal; (g/m^2)	68	Contec Method
Sorbency in water		IEST-RP-CC004.2, Sec. 7.1
Intrinsic; (mL/g)	4.03	
Extrinsic; (mL/m2)	281	
Sorptive rate; (seconds)	<1	IEST-RP-CC004.3, Sec. 6.1.2
Non-volatile residue, NVR		IEST-RP-CC004.3, Sec. 7.1.2
In deionized water; (g/m^2)	0.007	
In isopropyl alcohol; (g/m^2)	0.003	
Specific ions		IEST-RP-CC004.3, Sec. 7.2.2
Sodium; (ppm)	30.8	
Chloride; (ppm)	20.3	
Particles, readily releasable		IEST-RP-CC004.2, Sec. 5.1
Particles $\geq$ 0.5µm; ($x10^6/m^2$)	21.5	
Fibers $\geq$ 100µm; ($x\ 10^3/m^2$)	37.7	

Packaging	EA/PCH	PCH/OB1	OB1/CS	EA/CS
PSC20002	24	10	5	1,200

	EA/PCH	PCH/FOB	FOB/OB2	OB2/OB3	OB3/CS	EA/CS
PSC20001	24	1	12	1	4	1,152

EA = each; PCH = pouch; OB = outer bag; CS = case; FOB = flow-wrap outer bag; LBS = pounds

VOC Content	VOC (LBS/CS)	VOC (LBS/PCH)
PSC20001	18.17	0.38
PSC20002	18.91	0.38

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:
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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