



JNJ INDUSTRIES®

TECHNICAL DATA SHEET

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EQUASTAT #413A

PRODUCT DESCRIPTION:

EquaStat SmartWipes® are comprised of continuous filament polyester fiber that includes Dupont's patented Negastat® carbon yarn. Negastat enhances the electrical conductivity which promptly disperses electrical static. The knit construction of EquaStat also increases product integrity and decreases particle generation and soluble extractables. EquaStat is laundered in ultra-filtered water of 0.45µ purity and dried in a HEPA filtered class 100 air stream. Each wipe is hermetically sealed in an ultraclean package within a Class 100 cleanroom and meets Federal Standard 209. Cleanroom Grade: Class 100 - Cleanroom Compatibility: Class 10 or better.

PHYSICAL PROPERTIES:

BASIS WEIGHT (oz/yd ²)	THICKNESS (inches)	ABSORBENCY RATE (sec)	ABSORBENCY CAPACITY (%)	MULLEN BURST (psi)	ELONGATION ST%	ELONGATION CR%	WASH SHRINKAGE @ 120°F ST%	WASH SHRINKAGE @ 120°F CR%
3.4	0.019	Immediate	400	100+	22.0	98.5	2.2	0.6

EXTRACTABLE IONS IN DEIONIZED WATER (ppm):

CHLORIDE	SODIUM	POTASSIUM	MAGNESIUM	CALCIUM
17.0	17.0	6.8	1.2	4.8

NON-VOLATILE RESIDUE (g/m²):

DEIONIZED WATER	ISOPROPYL ALCOHOL	1,1,1 TRICHLOROETHANE
0.018	0.033	0.29

PARTICLE GENERATION:

PARTICLES >0.5 µm ² (millions)
13.1

STATIC DISSIPATIVE CHARACTERISTICS:

SURFACE RESISTIVITY (Ω/square)
7x10 ⁻¹¹

PACKAGING:

SIZE	WIPES PER PACKAGE	PACKAGES PER CASE
9" x 9"	150	5

CASE WEIGHT & DIMENSIONS:

WEIGHT	DIMENSIONS
10.5 lbs	13.63" x 11.44" x 9.5"

Technical Data Sheets are published based on sources believed to be accurate. JNJ Industries does not guarantee the accuracy of the information and does not assume liability in connection with any damages that may be incurred while using the product and reserves the right to change the above data without notice. These data are typical properties and are not intended to serve as specification.

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REV: 2/05

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