



**Technical Data Sheet**

**Static Dissipative Papers**

All-Spec ESD paper is a permanently static dissipative paper product with low sensitivity to changes in relative humidity and almost free in component critical contaminants, (i.e. low amine, chloride and sodium). The paper has a hard surface, is printable with no bleeding, and virtually lint free. Available in single sheets, continuous forms, or machine roll and can be supplied blank or pre-printed.

All-Spec Static Dissipative Papers exhibit superior physical properties compared to regular paper.

High fold resistance                      High tensile strength  
High burst strength                      High moisture and solvent resistance  
Cleanroom Class 10,000 compatible

Two thickness (calipers) offered:                      0.0038"                      and                      0.0080"

Typical Test Data - Physical:

Base weight (3000 sq. ft.)	20#	40#
Thickness	0.0038" (0.097mm)	0.0080" (0.2mm)
Resistivity (@ 15% RH at 10 Volts AP)	2.9x10 <sup>10</sup>	7.0x10 <sup>9</sup>
Resistivity (@ 15% RH at 100 Volts AP)	2.2x10 <sup>10</sup>	3.0x10 <sup>9</sup>
Resistivity (@ 50% RH at 10 Volts AP)	2.7x10 <sup>8</sup>	5.1x10 <sup>7</sup>
Resistivity (@ 50% RH at 100 Volts AP)	2.3x10 <sup>8</sup>	4.3x10 <sup>7</sup>

Typical Test Data - Chemical:

Ph (acid level)	7.02 (neutral)
Chloride (Cl)	< 100 ppm
Nitrate (NO <sub>3</sub> )	< 10 ppm
Amine (NH <sub>2</sub> – R)	< 55 ppm
Sodium (Na)	< 85 ppm

Standard Sizes:

8 ½ x 11"	loose sheet	(0.0038" and 0.0080" thick)
11 x 17"	loose sheet	(0.0038" and 0.0080" thick)
A4 metric	loose sheet	(0.0038" and 0.0080" thick)
9 ½ x 11"	continuous feed sheet	(0.0038" thick)

Standard Colors:

White (with Pink ESD indication stripe) / Blue / Pink / Green / Yellow  
Many other colors available

Rolls: all roll paper is 0.0031" (0.079mm) thick  
From 2.5" to 36" wide on various cores ½" to 3"

Pads: Pads of 60 sheets in large (8.5 x 11" or medium (5.5 x 8.5") sheets

Paper can be printed to customer's specifications.  
Tech sheet A09-STDPART-Dec06



ESD Paper is Recyclable and RoHS Compliant

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**"The Customer Company"™**