

## BONDING STUDY

### PRODUCTS TESTED

#### ITW Formex

Formex GK Polypropylene electrical insulation materials

Statex Static Dissipative electrical insulation material

Statex 10 (White)

Formex GK-10 (White), Formex GK-10BK (Black), Formex GK-17BK (Black), Formex GK-30BK (Black),

### SETUP AND TESTING

Adhesive systems (per chart below) were backed with 1 mil PET film (liner-side for double-coated products) and trimmed to 1" width for testing. Formex Adhesives applied to unmarked side (side opposite logo) of Formex substrates and untreated side of Statex substrate and dwelled for 72 hours at room temperature and tested for 180° Peel @ 12"/minute

### RESULTS TABLE

		Statex 10 (White)	Formex GK-10 (White)	Formex GK- 10BK (Black)	Formex GK- 17BK (Black)	Formex GK- 30BK (Black)
<b>Unsupported</b>	4628	3.9	2.1	2.0	1.7	2.1
	7332	2.6	3.7	3.4	3.3	3.2
	7334	3.9	4.4	4.3	4.2	4.2
	7832	1.9	2.5	2.3	2.5	2.5
	7744	6.9 50% COH	7.5 COH	8.1 COH	6.7 COH	6.9 COH
<b>Double Sided [Exposed-side to substrate]</b>	2016M	7.0 COH	6.9 COH	7.2 COH	7.0 COH	6.4 COH
	254M	1.3	2.2	2.4	2.2	2.2
	353M	3.0	3.8	4.0	3.8	4.0
	488M	2.7	3.3	3.1	2.9	2.9
	654M	3.8	4.6	4.5	4.3	4.4
	6849M	1.2	4.7	4.7	4.4	4.4

STATEX material test on Un-treated side of customer-supplied samples

FORMEX materials tested to side opposite of Logo

All products removed "Clean Peel" (Adhesively) unless noted

E/S = Exposed (Unwind) Side

COH = Cohesive Failure (Splitting of adhesive layer between substrate and backing material)

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