Your Dreams, Our Challenge

UL & CTI RATING FOR PCB AND RF MATERIALS

UL File Number: E36295

Material Designation	ANSI Type	CTI Rating
Meteorwave ELL	—	2
Mercurywave 9350	—	2
Meteorwave Family, M-Ply	—	3
N4105-7	FR-4.0	2
N4105-6, N4105-6 FC	FR-4.0	2
N4105-29	FR-4.0	3
N4103-12	FR-4.0	3
N4103-13, N4103-13EP	FR-4.0	3
N4^^-13 RF	FR-4.0	3
N4800-20	—	3
N5105##	—	4
N8105##, N8205##	—	4
N7101-1, N7201-1	GPY	4
N7105-2 V0, N7205-2 V0	—	4

Comparative Tracking Index (CTI)
Expressed as that voltage which causes tracking on a material after 50 drops of 0.1 percent ammonium chloride solution has fallen. The results of testing the nominal 1/8 inch (3mm) thickness are considered representative of the materials performance in any thickness.

CTI Range Tracking Index (in volts)	CTI Rating
> 600 and greater	0
> 400 and up to 600	1
> 250 and up to 400	2
> 175 and up to 250	3
> 100 and up to 175	4
>Less than 100	5

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