

Flat Sheet Composite Laminates

Cross Reference for N-M Grades – ASTM & NEMA Standards – Military Specification – IPC & International Electrotechnical Commission (IEC) Standards

Norplex-Micarta Grade	ASTM - NEMA LI-1- 1998	Military - MIL-I- 24768 / “Sheet” – “Type”	IPC 4101/ “sheet”	International Electrical Commission IEC 60893 – Part 3 – “Sheet” – “Type”
NP610	X	/ 12 – PBM	–	– 4 – PF CP 201
NP611, NP660, NP680	XP	/ 19 – PBM-P	–	– 4 – PF CP 201
NP612, NP625, NP664	XPC	/ 20 – PBM-PC	00	– 4 – PF CP 207
NP629	XX	/ 11 – PBG	–	– 4 – PF CP 203
NP630	XXX	/ 10 – PBE	–	– 4 – PF CP 201
NP691	FR-1	/ 24 – PBM-PF	–	– 4 – EP CP 201
MC223, MC330, NP310, NP310HT, NP310LS, NP342, NP394	C	/ 16 – FBM	–	– 4 – PF CC 201
NP310E	CE	/ 14 – FBG	–	– 4 – PF CC 203
NP318	CF	–	–	– 4 – PF CC 203
NP320	L	/ 15 – FBI	–	– 4 – PF CC 305
MC320LE, NP320E	LE	/ 13 – FBE	–	– 4 – PF CC 305
NP504	G-3	/ 18 – GPG	–	– 4 – PF GC 301
NP509	G-5	/ 8 – GMG	–	– 3 – MF GC 201
MC507U ¹	G-7 ¹	/ 17 – GSG ¹	–	– 6 – SI GC 201
NP509	G-9	/ 1 – GME	–	– 3 – MF GC 201
G-10, G-10CR	G-10	/ 2 – GEE	20	– 2 – EP GC 201
NP130, NP130HF	FR-4	/ 27 GEE-F	21	– 2 – EP GC 202
NP510A, NP510AT	FR-4	/ 27 – GEE-F	93	– 2 – EP GC 202
MC511A, MC511AF, NP511, NP511EM, NP511A	G-11	/ 3 – GEB	22	– 2 – EP GC 203
P95 – GPY	–	–	41	– 7 – PI GC 301
NP424	CEM-1	/ 29 – CEM-1	10	–
NP101	N-1	/ 9 – NPG	–	–

¹ MC507U does not meet all of the electrical properties of either NEMA G-7 or MIL-I-24768/17 - GSG