



MICARTA® SELECTOR

MFD
UC-91

CONSTRUCTION REINFORCEMENT RESIN	APPLICATIONS	FEATURES	MILITARY SPECS AND TYPE	NEMA GRADE	MICARTA		
					GRADE	COLOR	
PAPER PHENOLIC	Mechanical grade, intricate punch parts, insulating washers, switch bases, terminal boards	Requires little to no preheating, good cold shearing, cold punch		XP XP XP	H-19128 H-19242 * H-19243	Tan Black Chocolate	
	Mechanical grade, intricate punch parts	Excellent cold punch and cold shearing		XPC XPC XPC	H-18331 H-18332 H-18333	Chocolate Tan Black	
	Mechanical grade, punch parts 3/32" max. thickness	Non Nema, warm punch			51P77	Tan-Choc-Blk	
	Mechanical grade	Non Nema, cold punch			51P88	Tan-Choc-Blk	
	Mechanical grade, terminal boards, structural parts, switch bases, washers, panels	General purpose, high mechanical strength, electrical properties are secondary			X	213	Natural
	Electrical grade, switch board panels, relay and switch bases, breaker arms, barriers	Electrical insulation in dry or humid conditions, good machining, fair mechanical strength	LP513A-PBG	XX XX	219 429	Natural Black	
	Electrical grade, panel boards, high voltage switch gear, radio, television panels	Electrical insulation, high humidity resistance, good dimensional stability, excellent resistance to splitting	LP513A-PBE	XXX	254	Natural	
	Mechanical grade, intricate punch parts, insulating washers, switch bases, terminal boards	Solid black color throughout, requires little to no preheating, good cold shear and punch		XP	H-23639	Black	
	Mechanical grade, thick punch parts 3/32" through 1/4"	Ultra Soft punch plate, cold punch Solid black color throughout		XPC XPC	H-26887 H-23706	Natural Black	
	Electrical grade, punch parts, electronic equipment, insulating washers and spacers	Electrical insulation, low dielectric losses in severe humidity, warm punch		XXP	H-17900	Tan	
	Electrical grade, punch parts, radio & TV terminal boards, panels, U.L. listed as 65M03 unclad	Cold punch and shearing, high insulation resistance and low dielectric losses under severe humidity	LP513A-PBEP	XXXPC	H-5639	Natural	
	FINE WEAVE COTTON CLOTH PHENOLIC	Mechanical grade, fine tooth gears, radio parts, terminal boards	High mechanical strength, good appearance, good machining qualities	MIL-P15035-FBI	L	238	* Natural
Electrical — mechanical grade, marine relay bases, terminal bases and strips, radio parts, high humidity applications		Electrical and mechanical strength, moisture resistance	MIL-P15035-FBE	LE LE	221 431	* Natural Black	
Mechanical grade — for fine machined parts, gears, radio parts, terminal boards		Fine weave canvas where better than CE machining characteristics are required & grade L cannot be justified			H-25126	Natural	
MEDIUM WEAVE COTTON CLOTH PHENOLIC	Mechanical grade, gears, pinions, spacers, structural applications	Economy grade, high impact strength, good mechanical properties	MIL-P-15035-FBM	C	H-26000	* Natural	
	Mechanical — electrical grade, small gears, pinions radio parts, marine switch board panels	Economy grade, good acid resistance, low voltage, low frequency electrical performance	MIL-P15035-FBG	CE	51F33	* Natural	
	Mechanical grade, marine bearings, piston and packing rings, pump valve, doctor blades, marine Micarta	Low moisture absorption, dimensional stability	MIL-P18324		223	Natural	
	Mechanical grade, valves, plating tanks	Low moisture absorption, good dimensional stability, good resistance to acids and alkalis			281	Natural	
	Mechanical grade, support blocks, spacers for liquid oxygen tanks	Special formulation for cryogenic applications, property retention at extremely low temperatures			H-11030	Natural	
	Mechanical grade, packing rings, pistons, bearings	Canvas with molybdenum disulfide, low coefficient of friction			H-13020	Green	
	Mechanical grade, wire stranders, heat dissipation applications	Canvas with copper screen			H-19590	Natural	
	Mechanical grade, pistons, packing rings, textile mill bearings	Canvas with graphite, self-lubricating, low coefficient of friction	MIL-P5431		400	Black	
GLASS CLOTH MELAMINE	Electrical — mechanical grade, switch board panels, arc barriers, circuit breaker parts, structural electrical parts	High mechanical strength high arc and heat resistance, self-extinguishing, excellent electrical properties under dry conditions		G-5	259-2	* Gray	
	Electrical — mechanical grade, marine switch board panels, structural parts	High mechanical strength, high arc and heat resistance, self-extinguishing, excellent electrical properties under dry and humid conditions	MIL-P15037-GME	G-9	H-12426	Gray	
GLASS CLOTH SILICONE	Electrical grade, class H insulation, heating-appliance insulation	Good electrical properties under humid conditions, excellent heat and arc resistance, self-extinguishing	MIL-P997-GSG	G-7	H-17825	* White	
GLASS CLOTH EPOXY	Electrical — mechanical grade, terminal boards, high humidity applications, U.L. listed as 65M38 unclad	High flexural, impact and bond strength at room temperatures, good electrical properties under dry and humid conditions	MIL-P-18177-GEE	G-10	H-22033S	* Green	
	Electrical — mechanical grade, rotor slot insulation, structural members at elevated temperatures	High mechanical strength at temperatures up to 150°C, retains 50% of its flexural strength at elevated temperatures	MIL-P-18177-GEB	G-11	H-26671	Green	