

标乐(Buehler)磨抛-抛光布消耗品采购指南

标乐美国出品-

POLISHING CLOTH GUIDE

	Cloth	Usage Guide	Recommended Micron Size	Abrasive Type	Applications
COARSE	UltraPad™	Used to replace multiple SiC grinding surfaces	6µm & Up	Diamond	Ferrous materials and thermal spray coatings
	Ultra MB	Excellent surface finish, used to retain flatness in medium to hard specimens	6µm & Up	Diamond	Minerals, coals, ceramics, inclusion, retention in steels, and refractory metals
	UltraPol™	Excellent surface finish, used to retain flatness in medium to hard specimens	6µm & Up	Diamond	Minerals, coals, ceramics, inclusion, retention in steels, and refractory metals
	Nylon	Used for material removal and flatness of hard specimens	6µm & Up	Diamond	Ferrous materials, sintered carbides and cast irons
	TexMet® P	Used for material removal and flatness of hard specimens	6µm & Up	Diamond	Ceramics, carbides, petrographic, hard metals, glass, and metal matrix composites
INTERMEDIATE	TexMet® MB	Most popular cloth for intermediate steps	15-0.02µm	Diamond Al ₂ O ₃ , SiO ₂	Ferrous and nonferrous metals, ceramics, electronic packages, PCB's, thermal spray coatings, cast irons, cermets, minerals, composites, plastics
	TexMet® C	Most popular cloth for intermediate steps	15-0.02µm	Diamond Al ₂ O ₃ , SiO ₂	Ferrous and nonferrous metals, ceramics, electronic packages, PCB's, thermal spray coatings, cast irons, cermets, minerals, composites, plastics
	TriDent™	Used to maximize flatness and retain phases while providing excellent surface finish	15-0.02µm	Diamond Al ₂ O ₃ , SiO ₂	Ferrous and nonferrous metals, microelectronics, coatings
	VerduTex	Used for rough and final polishing	9-1µm	Diamond	Ferrous and nonferrous metals, microelectronics, coatings
	Satyn MB	Used to maximize flatness and retain phases while providing excellent surface finish	9-1µm	Diamond	Ferrous and nonferrous metals, microelectronics, coatings
	VelTex	Ideal for final polishing	9-1µm	Diamond	Steel, nonferrous and soft metals
	WhiteFelt™	General usage for intermediate to fine steps	6-0.02µm	Diamond Al ₂ O ₃ , SiO ₂	Ferrous and nonferrous metals
	PoliCloth	General usage	6-1µm	Diamond	Cast iron, copper and aluminum alloys, coal and other soft metals
	MicroCloth®	Most popular general usage final polishing cloth	5-0.02µm	Diamond Al ₂ O ₃ , SiO ₂	Ferrous and nonferrous metals, ceramics, composites, PCBs, cast irons, cermets, plastics, electronics
	Micro MB	Medium napped cloth for final polishing	5-0.02µm	Diamond Al ₂ O ₃ , SiO ₂	Ferrous and nonferrous metals, ceramics, composites, PCBs, cast irons, cermets, plastics, electronics
FINE	MicroFloc	Good results when used with unmounted specimen	0.06µm-0.02µm	Al ₂ O ₃ , SiO ₂	Ferrous and nonferrous materials
	MasterTex®	Softer final polishing finish	1-0.05µm	Al ₂ O ₃ , SiO ₂	Soft nonferrous and microelectronic packages
	ChemoMet®	General usage cloth that removes smear metal from tough materials during chemomechanical polishing	1-0.02µm	Al ₂ O ₃ , SiO ₂	Titanium, stainless steel, lead/tin, solders, electronic packages, soft nonferrous metals, plastics
	Chemia MB	General usage cloth that removes smear metal from tough materials during chemomechanical polishing	1-0.02µm	Al ₂ O ₃ , SiO ₂	Titanium, stainless steel, lead/tin, solders, electronic packages, soft nonferrous metals, plastics



Polishing Cloths

- Premium performance cloths for all material applications
- Engineered for long life & superior surface finish

Premium Polishing Cloths, PSA Backed & Magnetic Backed (MB)

	Cloth	Quantity	8in [203mm]	10in [254mm]	12in [305mm]
COARSE	UltraPad™	10	40-7118	40-7120	40-7122
	Ultra MB	5	41-10041	41-10042	41-10043
	UltraPol™	10	40-7448	40-7450	40-7452
	Nylon	10	40-7068	40-7070	40-7072
	TexMet® P	5	40-7638	40-7640 ⁵⁰	40-7642
INTERMEDIATE	TexMet® MB	5	41-10035	41-10036	41-10037
	TexMet® C	10	40-1108	40-1110	40-1112
	TriDent™	10	40-7518	40-7520	40-7522
	VerduTex	10	40-8018	40-8020 ⁵⁰	40-8022
	Satyn MB	5	41-10038	41-10039	41-10040
	VelTex	10	40-8218	40-8220 ⁵⁰	40-8222 ⁵⁰
	WhiteFelt™	5	16-2002	16-2502 ⁵⁰	16-3002 ⁵⁰
	PoliCloth	10	40-8418	40-8420	40-8422
FINE	MicroCloth®	10	40-7218	40-7220	40-7222
	Micro MB	5	41-10093	41-10094	41-10095
	MicroFloc	10	40-8318 ⁵⁰	40-8320 ⁵⁰	40-8322 ⁵⁰
	MasterTex®	10	40-7738	40-7740	40-7742
	ChemoMet®	10	40-7918	40-7920	40-7922
	Chemia MB	5	41-10032	41-10033	41-10034

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