



POLISHING CLOTHS

Polishing Cloths are specifically designed for metallurgical polishing operations which an abrasive product is charged to the surface of the cloth in a paste, compound mixture, or suspension. The charging abrasive usually consists of aluminas, silicon carbides, or diamonds.

Polishing Cloth selection is as critical to the polishing operation as the polishing compound. Designed to fit the popular metallurgical lab equipment, Polishing Cloths are available in several sizes with either Plain Back (PB) or backed with Pressure Sensitive Adhesive (PSA).

The following Polishing Cloths are available:



NYLON - A synthetic napless cloth, used with diamond compound or very fine aluminas. Good for most materials, helps maintain flatness.



SILK - A natural napless cloth, used with diamond compound or coarser abrasive aluminas. Good for initial rough polish.



CANVAS - A natural napless cloth, used with silicon carbide or alumina abrasive powders. Good for initial, very rough polishing.



SELVYT - A natural medium nap cloth, used with coarse and fine aluminas. Good for full spectrum work, rough to final finishing.



KITTEN CLOTH - A natural short nap cloth, used with fine aluminas. Good for final polishing of most materials.



COTLAP - A natural short nap cloth, used with coarse diamond and aluminas. Good for rough polishing of softer materials.



RAYON VELVET - A synthetic short nap cloth, used with finer aluminas and diamond. Good for final polishing of softer materials.



FINAL FINISH - A synthetic short nap cloth, used with finer aluminas and diamond. Good for final polishing of most materials.



IMPERIAL - A 20 mil rayon flock electrostatically coated onto a 3 mil polyester film. Good for final polishing of most materials.



RED FELT - A natural short nap cloth, used with coarser silicon carbides and aluminas. Good for rough polishing of ferrous materials.



GREEN BILLIARD - A natural short nap cloth, used with coarser aluminas. Good for rough polishing of ferrous materials as well as petrographic and lapidary work.



PELLON - A synthetic napless chemotextile material, used with diamond compound. Good for initial to final polish of steels, rocks and composites.



PANMET - A harder, more durable pellon cloth. Good for hard materials. Used when cloth life is important.



CHEM CLOTH - A porous cloth for chemomechanical polishing. Good for final polishing of soft nonferrous metals, plastics, Titanium, stainless steels, lead/tin.

The most common sizes are 1", 32mm, 8", 10", 12", 14", and 16" diameter.

If your work involves sample preparation, you should try PSI Polishing Cloths. Please contact us to discuss your specific polishing needs.