



Surface Preparation & Polishing Pads

Creatively engineered to conquer your surface preparation and polishing challenges.

Surface Preparation Division



Custom Engineering

Spartan Felt Company is a vertically integrated manufacturer and fabricator. Extensive research and development facilities, staffed by experienced, innovative engineers, enable design solutions for any polishing application. Strict guidelines are maintained for every facet of product development from R&D to final fabrication.

Spartan Polishing Pad Division's fabrication and manufacturing equipment hold precise production tolerances and offer limitless product design versatility. With a variety of materials available, Spartan Polishing Pad Division can custom engineer density and dimensional requirements to meet your specifications. Specializing in customized parts, Spartan Polishing Pad Division welcomes and appreciates your inquiries.

Pad Characteristics

Spartan Polishing Pad Division designs pads to accommodate the requirements for diverse polishing applications and surfaces. Our engineers have natural and synthetic materials at their disposal. This allows them to design pads with specific, inherent qualities that meet specialized performance criteria. In addition, these materials make excellent interconnecting cellular structures. The resulting pad is durable and dimensionally stable.

Spartan Polishing Pad Division can chemically or mechanically design pads in a variety of densities and hardnesses.

All pads are available plain and perforated. Embossing is available, but limited. Please inquire about specific applications.

Options

Spartan Polishing Pad Division offers many options to ensure you get a pad that meets your needs exactly. We customize your polish pads and offer them to you in a ready-to-use form, unlike some companies who only provide stock materials.

Abrasive impregnations are available from submicron to 15 micron and include:

Diamond • Boron Carbide • Silicon Carbide
Aluminum Oxide • Cerium Oxide

Diameters are available up to 53 inches. Spartan Polishing Pad Division prides itself on providing high quality service to cut your pads to the exact dimensions you require, not forcing you to take stock materials and cut your own pads.

Pads are available perforated or embossed if needed. There is a broad choice in backings including magnetic, PSA, hook and loop, or Spartan Polishing Pad Division can supply adhesive for the customer to apply.

Experience

Spartan Felt Company has approximately 30 years experience in the polishing and surface preparation industry. When you deal with Spartan Polishing Pad Division, you are assured of dealing with professionals who understand the polishing problems you encounter every day. Our experts don't stop until they have found creative solutions to help you.

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