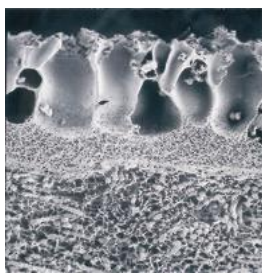


RODEL - Finishing Pads

Description

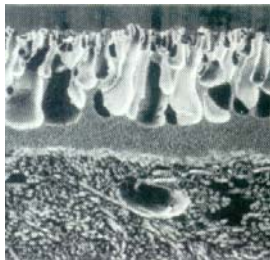
All Rodel poromeric pads are designed to produce a featureless, exacting surface finish. Developed through laboratory and customer testing, each product has unique polishing characteristics based on combinations of the elements of pore structure, urethane density and substrate composition. These unique characteristics allow Rodel finishing pads to work effectively under a wide variety of polishing conditions. These unique maximum compatibility with individual processes.

SPM 3100



The newest poromeric technology developed by Rodel for silicon final polishing, the SPM3100 features a proprietary pore structure grown directly on a mylar substrate. The simplicity of this design combined with the unique pore structure reduces variations in pad physical properties, ultimately leading to more consistent performance throughout the life of the pad and a much lower nanoscratch level. The SPM3100 is recommended as a final pad for all polishing operations where surface finish is most critical as defined by haze, microscratches, roughness and light point defects.

POLITEX SUPREME



Rodel's signature technology, Politex Supreme, was originally developed for final wafer polishing. It is manufactured from Rodel's proprietary polyurethane and incorporates a unique, vertically oriented pore structure with a compressible substrate. The substrate is designed to instantaneously recover from polishing compression, creating a pumping action that enhances slurry flow within the pad to produce optimum surface finish quality. This attribute reduces pad loading and increases pad life. This pad is available with a longer nap height which is well suited for final polishing of silicon, oxide, glass or metals.

Typical Pad Properties

Product	Thickness	Pore Height	Microporous	Pore Count
SPM 3100	0.030"	0.0205"	N/A	N/A
Politex Supreme High Nap	0.060"	0.020"	0.006"	N/A
Politex Supreme Regular Nap	0.056"	0.015"	0.006"	N/A

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