

BUEHLER®

UltraPrep™

Diamond Lapping Film

- **Superior Finishes**
- **High Surface Removal Rates**
- **Convenient to Use**
- **Versatile**
- **Economically Packaged**



The **BUEHLER® UltraPrep™** Diamond Lapping Film Products are designed for various material applications including microelectronic devices, wafers, ceramics, optical fibers, petrographic, and other metallographic materials.

Superior Performance

- Less abrasive embedding and more uniform material removal
- Excellent finishing capabilities

Versatile

- Available in both Type A (continuous) and Type B (interrupted) diamond material configurations
- Up to eight abrasive sizes
- Economic packages of three to five discs or sheets, depending on the size
- Uniform film thickness of 3 mil

Ordering Information

UltraPrep™ Type A Continuous Diamond Lapping Film

Diamond Abrasive Size (micron)

Size	Backing	30	15	9	6	3	1	0.5	0.1
2 7/8 (73mm)*	psa	69-1830SO	69-1815SO	69-1809SO	69-1806SO	69-1803SO	69-1801SO	69-1795SO	69-1791SO
4 (102mm)*	psa	69-3111SO	69-3112	69-3113	69-3114	69-3115	69-3116	69-3117SO	69-3118SO
8 (203mm)*	psa	15-6830	15-6815	15-6809	15-6806	15-6803	15-6801	15-6795	15-6791
8 (203mm)*	plain	15-6831	15-6816	15-6810	15-6807	15-6804	15-6802	15-6796	15-6792

UltraPrep™ Type B interrupted Diamond Lapping Film

Diamond Abrasive Size (micron)

Size	Backing	9	6	3	1	0.5
8 (203mm)*	psa	15-6509SO	16-6506SO	15-6503SO	16-6501SO	15-6495SO
8 (203mm)*	plain	15-6510SO	15-6507SO	15-6504SO	15-6502SO	15-6496SO

*5 per pack

SO - Special Order items may have lead times and minimum orders.

Type A Continuous

- Appropriate for preparation applications where material removal and surface flatness requirements are critical
- Ideal for use on microelectronic devices, wafers, ceramics, optical fibers, petrographic samples.

Type B Interrupted

- A more aggressive, longer-life film in which the diamond particles are minimally spaced to allow improved fluid flow and abrasive action
- Polishing swarf flows between these particles, allowing the polishing process to continue unaffected
- Ideal for use on composite materials, nonferrous materials, and materials where embedding of abrasive particles is a concern

Buehler continuously makes product improvements; therefore, technical specifications are subject to change without notice.



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