



TECHNICAL BULLETIN

PDR1000NV

PRODUCT: 3M P1000 Brown One Step

PRIMARY USE:

Precision one step pad for CR39 and Hi Index lenses during ophthalmic manufacturing.

DESCRIPTION:

3" 7 leaf 3M P1000 abrasive with compensated backing. Back side of abrasive is laminated with synthetic rubber, pressure sensitive adhesive for firm, temporary positioning.

LINER:

Bleached, densified kraft paper, clay filled with silicone on one side.

RECOMMENDED TIMES AND PRESSURE:

LOH	1 ½ minutes @ .3 to .35 bar
Coburn / Optek	1 ½ minutes @ 16-18 psi

TYPICAL PHYSICAL PROPERTIES:

1. Thickness:

Pad Material & Adhesive.....	.018 " / .46mm (+/- .001")
Liner.....	4.8 mils (+/-0.2 mils)

2. Peel Adhesion:

PSTC #3	
Linered side.....	80 oz. (+/-5 oz)

3. Dynamic Shear:

(@ 12"/Min.)	
Linered side.....	45 lbs/in. (+/-6 lbs)

PACKAGING:

Labeled in core with lot number information with plastic protective wrapping.

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