

DAC Vision Technical Bulletin

VELOCITY™ ABRASIVE PAD

PART NUMBER: PDR6050NC

DESCRIPTION: VELOCITY™ POLY 1 STEP 3 IN. (76MM) 7LF

PRIMARY USES:

- Precision one step fining pad for polycarbonate lenses during ophthalmic manufacturing.
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ABRASIVE: Red P600 FEPA grade aluminum oxide grain utilizing resin over resin bonding system, electro statically charged closed coat onto waterproof C-weight paper backing.

ADHESIVE: Synthetic polymer, double-faced tape with textile/film carrier. Utilizes a differential adhesive system for permanent bonding the abrasive with a tool side adhesive designed for firm temporary positioning that removes cleanly after use.

LINER: 78# super calendared, bleached kraft paper, silicone treated on both sides.

RECOMMENDED FINING TIMES AND PRESSURE:

Polycarbonate

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|--------------|---------------------------------|
| LOH | 1 ½ - 2 ½ minutes @ .25-.35 bar |
| Coburn/Optek | 1 ½ - 2 ½ minutes @ 16-18 psi |

TYPICAL PHYSICAL PROPERTIES:

1. Thickness: Pad Material & Adhesive..... .022 “/ .56mm (+/- .001”)
Liner..... 4.6 mils (+/- 0.0005”)
 2. Adhesive Properties

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|----------------------------|---------------|
| Peel Adhesion test method: | PSTC-101 |
| Exposed side value: | 2,200 oz/in. |
| Liner side value: | 850 oz/in. |
| Dynamic shear test method: | SC&C LT24-B |
| Liner side: | 55 lbs/sq.in. |
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PACKAGING:

250 per roll with plastic shrink wrap. Labeled in core with lot number information

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