



TECHNICAL BULLETIN

PDR1520RF

PRODUCT: Quick Release 15 Micron Dura Film

PRIMARY USE:

- Precision one step fining pad for high curve CR39 and Hi Index lenses during ophthalmic manufacturing.
- Precision 2nd Fine fining pad for high curve polycarbonate lenses during ophthalmic manufacturing.

DESCRIPTION:

3" 16 leaf 3M 15 micron Dura Film abrasive with Quick Release compensated backing designed for use with plastic or abrasive base pads. Back side of abrasive is laminated with HiBond, short term repositionable pressure sensitive adhesive for firm, temporary positioning onto base pads.

LINER:

Bleached, densified kraft paper.

RECOMMENDED TIMES AND PRESSURE:

CR39/Hi Index

LOH	45-90 seconds @ .3 to .4 bar
Coburn / Optek	45-90 seconds @ 16-18 psi

Polycarbonate

LOH	1 – 1 ½ minutes @ .3 to .4 bar
Coburn / Optek	1 – 1 ½ minutes @ 16-18 psi

TYPICAL PHYSICAL PROPERTIES:

- Thickness:

Pad Material & Adhesive.....	.016" / .41mm (+/-0.001")
Liner.....	4.8 mils (+/-0.2 mils)
- Peel Adhesion:

PSTC-101	
Lined side...180 degrees @ 12 IPM, 20 min. dwell.	
- Dynamic Shear:

PSTC-7	
Lined side...2500 grams (5.5 lb.) load on stainless.	

PACKAGING:

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

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