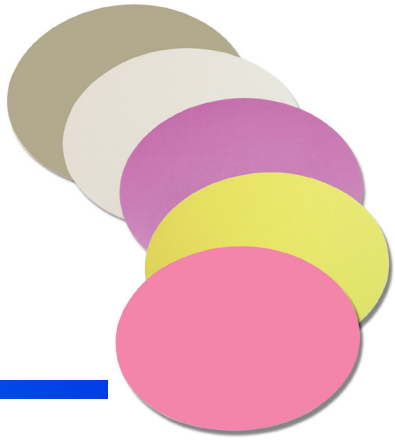
3M Science. Applied to Life.™



3M™ Lapping and Polishing Film for Fiber Optics

These 3M™ Lapping and Polishing Films are excellent for flat lapping, polishing and superfinishing in a range of fiber optic applications. Tightly graded mineral abrasive is coated on durable film backing available in disc, roll, or sheet formats. Most films are available with pressure sensitive adhesive (PSA) for fast and simple application to nearly any lapping plate.

Specify the right solutions for you.

	Product	Product w/ PSA	Available Grades (mineral size, um)											
				0.3	0.5	1	2	3	4	5	9	15	30	
Silicon Carbide Lapping Films	461X	468X*								●	●	●	●	
	462X	468XY						●						
	463X	468XW						●						
	464X	466X								●				
	* 468X not available in 5um													
				0.1	0.5	1	1.5	3	6	9	15	30	45	60
Diamond	661X	668X		●	●	●	●	●	●	●	●	●		
	662X	666X			●	●		●	●	●				
	662XW	666XW			●	●	●	●	●	●				
	663X	664X*									●	●	●	●
	*664X not available in 15um													
				0.05	0.3	1	2	3	5	9	12	30	40	60
Aluminum Oxide Lapping Films	261X	268X*			●			●	●	●	●	●		
	262X	265X**, 292X**				●	●							
	263X*	266X***		●	●	●		●		●	●	●	●	●
	*268X only available in 0.3um and 5um **265X only in 1um, 292X only in 2um ***263X not available in 9um, 12um. 266X not available in 1um, 60um													
						0.5								
Ceria Oxide	562X					●								
				n/a		0.5	1	3	15					
Fibrous and non-abrasive polishing	291X (AIO)	298X (AIO)				●	●							
	491X (SIC)	498X (SIC)						●						
	591X (CeO)	598X (CeO)				●								
	961M	968M		●										
			Confidential											
Final Polish Films	863X	869X	●											
	863XW	869XW	●											
	865X		●											

Regulatory: For regulatory information about this product, contact your 3M representative.

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