



# Diamond Lapping Film

## Product Information Sheet

1. **3M I.D. Number:** 662XY IDLF TH2

Note: TH2 has a higher particle concentration and a thicker coating than standard DLF. This is for a more aggressive cut and added score through resistance.

2. **Mineral:** Industrial grade diamonds

Grade (micron)	FEPA or JIS	*Size range (micron)	Color	Coating Weight mg/sq. in.
9	JIS 1200	6 - 12	blue	8.8 ± 0.3

Distribution by Multisizer:

D <sub>95</sub>	D <sub>50</sub>	D <sub>05</sub>	Max
5.2	6.1-7.5	11.0	18.0

3. **Backing:** polyester film - nominal 3 mil

actual 2.97 ± 0.05

Ultimate tensile strength - 26,500 psi (typical)

4. **Bond:** resin - medium hardness (Knoop approx. 16)

5. **Available Forms:** rolls, sheets and discs

6. **Identification:** Each shipment will be identified by its product name, lot number and size.

7. **Recommended Storage Conditions:** Temp. 50-100 °F/relative humidity 30-70%  
(There is no performance degradation with time.  
It is recommended that product be used within 24 months of purchase.)

8. **Applications:** Ceramic, glass, stone, carbide, composites, exotic alloys and other hard to grind materials.

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