



Diamond Lapping Film Type H

Product Information Sheet

1. **3M I.D. Number:** 662XW
(666XW std. PSA, 666XY low tack PSA)
Type H contains a higher diamond concentration and thicker coating than standard IDLF - color coding is a darker shade.

2. **Mineral:** Industrial grade diamonds

Grade (micron)	FEPA or JIS	*Size range (micron)	Color
0.5	JIS 10,000	*0 - 1	white
1	JIS 8000	0 - 2	lavender
1.5	JIS 7000	1 - 2	lt. green
3	JIS 4000	2 - 5	pink
6	JIS 2000	4 - 8	brown
9	JIS 1200	6 - 12	blue

*Sedimentation grading - different measurement methods may yield different range

3. **Backing:** polyester film - nominal 3 mil
actual 2.97 ± 0.05 mil
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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