



Shopping Mall <http://shop.randb.co.kr>

Contact +82-10-2114-0490

R&B Diamond Film & Disc



Grinding to Final Polishing

Diamond Film & Disc



Design and Specification can be changed for Quality Improvement

R&B Inc.

Copy Right, R&B Inc
RB277-rev.2 Printed 10/2023

Diamond Film & Disc

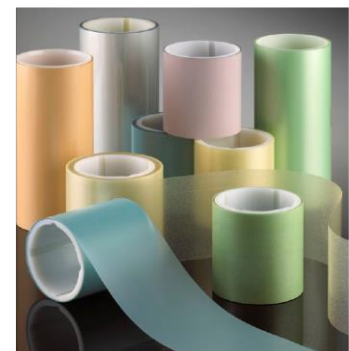
Film 및 Disc에 Diamond 연마재를 Coating 또는 Embedding된 구조로 물만 사용하여 Grinding, Flatness, Edge Retention이 중요한 시편에 적용.

Diamond Lapping Film

- 8, 10, 12 Inch Disc.
- Plane, PSA Type.
- 0.1 μ m~ 30 μ m.
- SEM 및 TEM 시편준비에 적합.
- Semiconductor Die, Fiber Optics, Ceramics 등의 정밀연마에 사용.
- PET Film 에 Diamond 입자를 고정한 구조.

Diamond Lapping Film List

No.	Code No.	Disc Size	Diamond Size	Back Treatment
1	DALF-8A-001	8 Inch	8" 0.1 μ m	PSA Back
2	DALF-8A-005		8" 0.5 μ m	
3	DALF-8A-010		8" 1 μ m	
4	DALF-8A-030		8" 3 μ m	
5	DALF-8A-060		8" 6 μ m	
6	DALF-8A-090		8" 9 μ m	
7	DALF-8A-150		8" 15 μ m	
8	DALF-8A-300		8" 30 μ m	
9	DALF-10A-001	10 Inch	10" 0.1 μ m	
10	DALF-10A-005		10" 0.5 μ m	
11	DALF-10A-010		10" 1 μ m	
12	DALF-10A-030		10" 3 μ m	
13	DALF-10A-060		10" 6 μ m	
14	DALF-10A-090		10" 9 μ m	
15	DALF-10A-150		10" 15 μ m	
16	DALF-10A-300		10" 30 μ m	
17	DALF-12A-001	12 Inch	12" 0.1 μ m	
18	DALF-12A-005		12" 0.5 μ m	
19	DALF-12A-010		12" 1 μ m	
20	DALF-12A-030		12" 3 μ m	
21	DALF-12A-060		12" 6 μ m	
22	DALF-12A-090		12" 9 μ m	
23	DALF-12A-150		12" 15 μ m	
24	DALF-12A-300		12" 30 μ m	
25	DALF-8P-005	8 Inch	8" 0.5 μ m	
26	DALF-8P-010		8" 1 μ m	
27	DALF-8P-030		8" 3 μ m	
28	DALF-8P-060		8" 6 μ m	
29	DALF-8P-090		8" 9 μ m	
30	DALF-8P-150		8" 15 μ m	
31	DALF-8P-300		8" 30 μ m	
32	DALF-10P-005		10 Inch	10" 0.5 μ m
33	DALF-10P-010	10" 1 μ m		
34	DALF-10P-030	10" 3 μ m		
35	DALF-10P-060	10" 6 μ m		
36	DALF-10P-090	10" 9 μ m		
37	DALF-10P-150	10" 15 μ m		
38	DALF-10P-300	10" 30 μ m		
39	DALF-12P-005	12 Inch		12" 0.5 μ m
40	DALF-12P-010		12" 1 μ m	
41	DALF-12P-030		12" 3 μ m	
42	DALF-12P-060		12" 6 μ m	
43	DALF-12P-090		12" 9 μ m	
44	DALF-12P-150		12" 15 μ m	
45	DALF-12P-300		12" 30 μ m	



UP Film (Ultra Polishing Film)

220 Grinding 후 Polishing까지 One Step 공정.

- Polyester Film 에 Diamond 연마재를 Grain Type 으로 Doping.
- 고 경도 재료의 Grinding 및 Polishing 을 2 Step 에 완성.
- Diamond Lapping Film 에 비하여 3 배 이상의 수명.
- 연마재 크기 1 μ m.
- 8", 10", 12" Diameter Disc Type.
- PSA Back Type.
- 고품질 표면 (높은 Flatness).
- Diamond Slurry 등의 추가 연마재 사용 불필요.

UP Film List

No.	Code No.	Description	Remark
1	UPF -8A-010	8", 1um, Ultra Polishing -Film, PSA back	
2	UPF-10A-010	10", 1um, Ultra Polishing Film, PSA back	
3	UPF-12A-010	12", 1um, Ultra Polishing Film, PSA back	



Diamond Disc

- Diamond 연마재가 Plate 에 Embedded 된 구조.
- 단단한 재료의 연마나 Sandpaper 의 번거로움을 대체하기 위한 Grinding 용 Disc.
- Diamond 연마재가 고착되어 있으므로 단순히 물이나 Lubricant 만을 사용.
- 뒷면처리.
 - PSA Type.
 - MD Type.
- Abrasive Size Range.
FEPA P grade # 60, # 80, #120, #200, #400, #800, #1200, #1500, #3000, #4000.
Standard Grid # 60~#1200.
- Abrasive size: 250 μ m~2.5 μ m.
- Disc Size: 8, 10, 12 Inch Diameter.



Diamond Disc List

No.	Code No.	Description
1	DD-8XX-080	Diamond Disc-8" #80
2	DD-8XX-120	Diamond Disc-8" #120
3	DD-8XX-200	Diamond Disc-8" #200
4	DD-8XX-400	Diamond Disc-8" #400
5	DD-8XX-800	Diamond Disc-8" #800
6	DD-8XX-1500	Diamond Disc-8" #1500
7	DD-8XX-3000	Diamond Disc-8" #3000
8	DD-10XX-060	Diamond Disc-10" #60
9	DD-10XX-080	Diamond Disc-10" #80
10	DD-10XX-120	Diamond Disc-10" #120
11	DD-10XX-200	Diamond Disc-10" #200
12	DD-10XX-400	Diamond Disc-10" #400
13	DD-10XX-800	Diamond Disc-10" #800
14	DD-10XX-1500	Diamond Disc-10" #1500
15	DD-10XX-3000	Diamond Disc-10" #3000
16	DD-12XX-060	Diamond Disc-12" #60
17	DD-12XX-080	Diamond Disc-12" #80
18	DD-12XX-120	Diamond Disc-12" #120
19	DD-12XX-200	Diamond Disc-12" #200
20	DD-12XX-400	Diamond Disc-12" #400
21	DD-12XX-800	Diamond Disc-12" #800
22	DD-12XX-1500	Diamond Disc-12" #1500
23	DD-12XX-3000	Diamond Disc-12" #3000
24	DD-8Cameo-80	Diamond Disc- 8" #80 MD- Piano Compatible
25	DD-8Cameo-120	Diamond Disc- 8" #120-180 MD- Piano Compatible
26	DD-8Cameo-220	Diamond Disc- 8" #220-320 MD- Piano Compatible
27	DD-8Cameo-600	Diamond Disc- 8" #600 MD- Piano Compatible
28	DD-8Cameo-1200	Diamond Disc- 8" #1200 MD- Piano Compatible
29	DD-10Cameo-80	Diamond Disc- 10" #80 MD- Piano Compatible
30	DD-10Cameo-120	Diamond Disc- 10" #120-180 MD- Piano Compatible
31	DD-10Cameo-220	Diamond Disc- 10" #220-320 MD- Piano Compatible
32	DD-10Cameo-600	Diamond Disc- 10" #600 MD- Piano Compatible
33	DD-10Cameo-1200	Diamond Disc- 10" #1200 MD- Piano Compatible
34	DD-12Cameo-80	Diamond Disc- 12" #80 MD- Piano Compatible
35	DD-12Cameo-120	Diamond Disc- 12" #120-180 MD- Piano Compatible
36	DD-12Cameo-220	Diamond Disc- 12" #220-320 MD- Piano Compatible
37	DD-12Cameo-600	Diamond Disc- 12" #600 MD- Piano Compatible
38	DD-12Cameo-1200	Diamond Disc- 12" #1200 MD- Piano Compatible
39	LD-8Cameo Gold	Lapping Disc for Hard material
40	LD-8Cameo Silver	Lapping Disc - Struers MD Allegro Compatible
41	LD-10Cameo Gold	Lapping Disc for Hard material
42	LD-10Cameo Silver	Lapping Disc - Struers MD Allegro Compatible
43	LD-12Cameo Gold	Lapping Disc for Hard material
44	LD-12Cameo Silver	Lapping Disc - Struers MD Allegro Compatible

A : PSA, MD : Magnetic



R&B Inc.

T: 042-935-0490~4

F: 042-935-0496

webmaster-i@randb.co.kr

<http://www.randb.co.kr>

<http://www.shop.randb.co.kr>

