

Polishing Film

A LANscape®
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features and benefits |

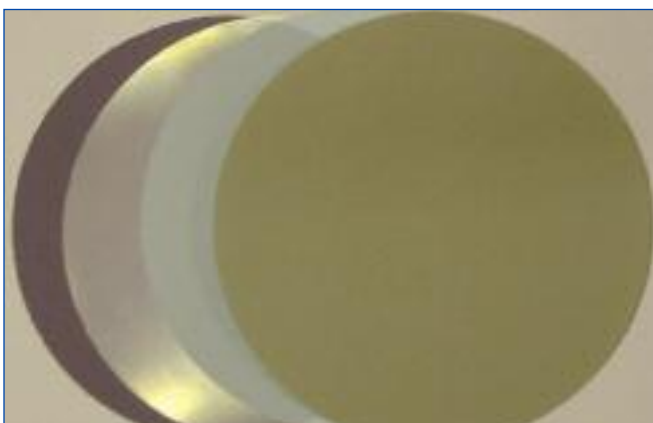
Broad range of film types	Variety of applications
Large particle films	Epoxy removal
Fine particle films	Mirror-like finishes
Flocked films	Polishing plastic ferrules

Corning Cable Systems provides a broad range of polishing film sizes and types to meet the performance and polish requirements for all fiber optic connector end-faces. Designed for cable assembly houses, field installable connectors and tool kits, these polishing films have tiny abrasive particles deposited onto polyester material to provide the high-precision grinding and finishing operations necessary to create high-quality optical interfaces.

Achieving maximum optical performance requires several polishing operations and the use of polishing films of various mineral types and particle sizes. For example, epoxy removal is typically accomplished using large particle films, while hard minerals such as diamond films are used to shape the ferrule end-faces. Very fine particle films enable mirror-like finishes to be created and flocked films are normally used for polishing plastic ferrules. Corning Cable Systems offers a broad range of film types in 4- and 5-in disks and 6 x 6 in disks in flat, flocked and extended life diamond films and multiple minerals types (e.g., silicon carbide, aluminum-oxide) with or without pressure sensitive adhesive (PSA) backing.



4 inch Disks | Photo NS138



5 inch Disks | Photo NS139



6 x 6 inch Sheets | Photo NS140

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For the latest Corning Cable Systems' recommendations on polishing, please refer to the Corning Cable Systems Web site for the Standard Recommended Procedure number 006-371 - "Polishing Processes for Heat-Cure Fiber Optic Connectors."

Part Number	Description
4 in Disks	
1506128-01	0.2 µm, Diamond Flat Film, 4 in disk without PSA backing
1506130-01	0.5 µm, Diamond Flat Film, 4 in disk without PSA backing
1506131-01	1 µm, Diamond Flat Film, 4 in disk without PSA backing
1506132-01	1 µm, Extended-Life Diamond Flat Film, 4 in disk without PSA backing
1506133-01	2 µm, Diamond Flat Film, 4 in disk without PSA backing
1506134-01	3 µm, Diamond Flat Film, 4 in disk without PSA backing
1506135-01	5 µm, Diamond Flat Film, 4 in disk without PSA backing
1506136-01	9 µm, Diamond Flat Film, 4 in disk without PSA backing
1506137-01	15 µm, Diamond Flat Film, 4 in disk without PSA backing
1506138-01	30 µm, Diamond Flat Film, 4 in disk without PSA backing
1506139-01	0.5 µm, Silicon-Carbide Flat Film, 4 in disk without PSA backing
1506140-01	1 µm, Silicon-Carbide Flat Film, 4 in disk without PSA backing
1506141-01	2 µm, Silicon-Carbide Flat Film, 4 in disk without PSA backing
1506142-01	3 µm, Silicon-Carbide Flat Film, 4 in disk without PSA backing
1506143-01	5 µm, Silicon-Carbide Flat Film, 4 in disk without PSA backing
1506144-01	9 µm, Silicon-Carbide Flat Film, 4 in disk without PSA backing
1506145-01	30 µm, Silicon-Carbide Flat Film, 4 in disk without PSA backing
1506147-01	16 µm, Silicon-Carbide Flat Film, 4 in disk without PSA backing
1506148-01	20 µm, Silicon-Carbide Flat Film, 4 in disk without PSA backing
1506149-01	40 µm, Silicon-Carbide Flat Film, 4 in disk without PSA backing
1506150-01	0.5 µm, Aluminum-Oxide Flat Film, 4 in disk without PSA backing
1506151-01	1 µm, Aluminum-Oxide Flat Film, 4 in disk without PSA backing
1506152-01	2 µm, Aluminum-Oxide Flat Film, 4 in disk without PSA backing
1506153-01	3 µm, Aluminum-Oxide Flat Film, 4 in disk without PSA backing
1506154-01	5 µm, Aluminum-Oxide Flat Film, 4 in disk without PSA backing

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Part Number	Description
4 in Disks (continued)	
1506155-01	9 µm, Aluminum-Oxide Flat Film, 4 in disk without PSA backing
1506156-01	30 µm, Aluminum-Oxide Flat Film, 4 in disk without PSA backing
1506157-01	12 µm, Aluminum-Oxide Flat Film, 4 in disk without PSA backing
1506158-01	16 µm, Aluminum-Oxide Flat Film, 4 in disk without PSA backing
1506159-01	20 µm, Aluminum-Oxide Flat Film, 4 in disk without PSA backing
1506160-01	40 µm, Aluminum-Oxide Flat Film, 4 in disk without PSA backing
1506162-01	0.5 µm, Cerium-Oxide Flat Film, 4 in disk without PSA backing
1506163-01	1 µm, Cerium-Oxide Flat Film, 4 in disk without PSA backing
1506164-01	SO-SP Final Polish, Silicon-Oxide Flat Film, 4 in disk without PSA backing
1506165-01	SO-HG Final Polish, Silicon-Oxide Flat Film, 4 in disk without PSA backing
1506167-01	1 µm, Calcined White-Alumina Flat Film, 4 in disk without PSA backing
1506168-01	Uncoated Flock Film, 4 in disk without PSA backing
1506169-01	0.5 µm, Cerium Oxide-Coated Flock Film, 4 in disk without PSA backing
1506170-01	1 µm, Crystallized White-Alumina Coated Flock Film, 4 in disk without PSA backing
1506171-01	2 µm, Aluminum-Oxide-Coated Flock Film, 4 in disk without PSA backing
1506172-01	5 µm, Aluminum-Oxide-Coated Flock Film, 4 in disk without PSA backing
1506173-01	16 µm, Aluminum-Oxide-Coated Flock Film, 4 in disk without PSA backing
1506174-01	0.1 µm, Silicon-Carbide-Coated Flock Film, 4 in disk without PSA backing
1506175-01	3 µm, Silicon-Carbide-Coated Flock Film, 4 in disk without PSA backing
1506176-01	9 µm, Silicon-Carbide-Coated Flock Film, 4 in disk without PSA backing
1506177-01	0.3 µm, Ferrous-Oxide Flat Film, 4 in disk without PSA backing

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Part Number	Description
5 in Disks	
1506018-01	30 µm, Silicon-Carbide Flat Film, 5 in disk without PSA backing
1506052-01	2 µm, Aluminum-Oxide-Coated Flock Film, 5 in disk without PSA backing
1506053-01	9 µm, Silicon-Carbide-Coated Flock Film, 5 in disk without PSA backing
1506054-01	0.5 µm, Cerium-Oxide-Coated Flock Film, 5 in disk without PSA backing
1506055-01	5 µm, Silicon-Carbide Flat Film, 5 in disk without PSA backing
1506056-01	5 µm, Aluminum Oxide-Coated Flock Film, 5 in disk without PSA backing
1506059-01	16 µm, Aluminum-Oxide-Coated Flock Film, 5 in disk with PSA backing
1506060-01	1 µm, Crystallized White-Alumina-Coated Flock Film, 5 in disk without PSA backing
1506061-01	1 µm, Silicon-Carbide Flat Film, 5 in disk without PSA backing
1506062-01	3 µm, Silicon-Carbide Flat Film, 5 in disk without PSA backing
1506068-01	0.1 µm, Silicon-Carbide-Coated Flock Film, 5 in disk without PSA backing
1506080-01	0.3 µm, Ferrous-Oxide Flat Film, 5 in disk without PSA backing
1506089-01	0.2 µm, Diamond Flat Film, 5 in disk without PSA backing
1506091-01	0.5 µm, Diamond Flat Film, 5 in disk without PSA backing
1506092-01	1 µm, Diamond Flat Film, 5 in disk without PSA backing
1506093-01	1 µm, Long-Life Diamond Flat Film, 5 in disk without PSA backing
1506094-01	2 µm, Diamond Flat Film, 5 in disk without PSA backing
1506095-01	3 µm, Diamond Flat Film, 5 in disk without PSA backing
1506096-01	5 µm, Diamond Flat Film, 5 in disk without PSA backing
1506097-01	9 µm, Diamond Flat Film, 5 in disk without PSA backing
1506098-01	15 µm, Diamond Flat Film, 5 in disk without PSA backing
1506099-01	30 µm, Diamond Flat Film, 5 in disk without PSA backing

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Part Number	Description
5 in Disks (continued)	
1506100-01	0.5 µm, Silicon-Carbide Flat Film, 5 in disk without PSA backing
1506101-01	2 µm, Silicon-Carbide Flat Film, 5 in disk without PSA backing
1506102-01	9 µm, Silicon-Carbide Flat Film, 5 in disk without PSA backing
1506104-01	16 µm, Silicon-Carbide Flat Film, 5 in disk without PSA backing
1506105-01	20 µm, Silicon-Carbide Flat Film, 5 in disk without PSA backing
1506106-01	40 µm, Silicon-Carbide Flat Film, 5 in disk without PSA backing
1506107-01	0.5 µm, Aluminum-Oxide Flat Film, 5 in disk without PSA backing
1506108-01	1 µm, Aluminum-Oxide Flat Film, 5 in disk without PSA backing
1506109-01	2 µm, Aluminum-Oxide Flat Film, 5 in disk without PSA backing
1506110-01	3 µm, Aluminum-Oxide Flat Film, 5 in disk without PSA backing
1506111-01	5 µm, Aluminum-Oxide Flat Film, 5 in disk without PSA backing
1506112-01	9 µm, Aluminum-Oxide Flat Film, 5 in disk without PSA backing
1506113-01	30 µm, Aluminum-Oxide Flat Film, 5 in disk without PSA backing
1506114-01	12 µm, Aluminum-Oxide Flat Film, 5 in disk without PSA backing
1506115-01	16 µm, Aluminum-Oxide Flat Film, 5 in disk without PSA backing
1506116-01	20 µm, Aluminum-Oxide Flat Film, 5 in disk without PSA backing
1506117-01	40 µm, Aluminum-Oxide Flat Film, 5 in disk without PSA backing
1506119-01	0.5 µm, Cerium-Oxide Flat Film, 5 in disk without PSA backing
1506120-01	1 µm, Cerium-Oxide Flat Film, 5 in disk without PSA backing
1506121-01	SO-SP Final Polish, Silicon-Oxide Flat Film, 5 in disk without PSA backing
1506122-01	SO-HG Final Polish, Silicon-Oxide Flat Film, 5 in disk without PSA backing
1506124-01	1 µm, Calcined White Alumina Flat Film, 5 in disk without PSA backing
1506125-01	Uncoated Flock Film, 5 in disk without PSA backing
1506126-01	16 µm, Aluminum-Oxide-Coated Flock Film, 5 in disk without PSA backing
1506127-01	3 µm, Silicon-Carbide-Coated Flock Film, 5 in disk without PSA backing

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Part Number	Description
6 x 6 in Sheets	
1506178-01	0.2 µm, Diamond Flat Film, 6 x 6 in sheet without PSA backing
1506180-01	0.5 µm, Diamond Flat Film, 6 x 6 in sheet without PSA backing
1506181-01	1 µm, Diamond Flat Film, 6 x 6 in sheet without PSA backing
1506182-01	1 µm, Extended-Life Diamond Flat Film, 6 x 6 in sheet without PSA backing
1506183-01	2 µm, Diamond Flat Film, 6 x 6 in sheet without PSA backing
1506184-01	3 µm, Diamond Flat Film, 6 x 6 in sheet without PSA backing
1506185-01	5 µm, Diamond Flat Film, 6 x 6 in sheet without PSA backing
1506186-01	9 µm, Diamond Flat Film, 6 x 6 in sheet without PSA backing
1506187-01	15 µm, Diamond Flat Film, 6 x 6 in sheet without PSA backing
1506188-01	30 µm, Diamond Flat Film, 6 x 6 in sheet without PSA backing
1506189-01	0.5 µm, Silicon-Carbide Flat Film, 6 x 6 in sheet without PSA backing
1506190-01	1 µm, Silicon-Carbide Flat Film, 6 x 6 in sheet without PSA backing
1506191-01	2 µm, Silicon-Carbide Flat Film, 6 x 6 in sheet without PSA backing
1506192-01	3 µm, Silicon-Carbide Flat Film, 6 x 6 in sheet without PSA backing
1506193-01	5 µm, Silicon-Carbide Flat Film, 6 x 6 in sheet without PSA backing
1506194-01	9 µm, Silicon-Carbide Flat Film, 6 x 6 in sheet without PSA backing
1506195-01	30 µm, Silicon-Carbide Flat Film, 6 x 6 in sheet without PSA backing
1506197-01	16 µm, Silicon-Carbide Flat Film, 6 x 6 in sheet without PSA backing
1506198-01	20 µm, Silicon-Carbide Flat Film, 6 x 6 in sheet without PSA backing
1506199-01	40 µm, Silicon-Carbide Flat Film, 6 x 6 in sheet without PSA backing
1506200-01	0.5 µm, Aluminum-Oxide Flat Film, 6 x 6 in sheet without PSA backing
1506201-01	1 µm, Aluminum-Oxide Flat Film, 6 x 6 in sheet without PSA backing
1506202-01	2 µm, Aluminum-Oxide Flat Film, 6 x 6 in sheet without PSA backing
1506203-01	3 µm, Aluminum-Oxide Flat Film, 6 x 6 in sheet without PSA backing
1506204-01	5 µm, Aluminum-Oxide Flat Film, 6 x 6 in sheet without PSA backing
1506205-01	9 µm, Aluminum-Oxide Flat Film, 6 x 6 in sheet without PSA backing

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Part Number	Description
6 x 6 in Sheets (continued)	
1506206-01	30 µm, Aluminum-Oxide Flat Film, 6 x 6 in sheet without PSA backing
1506207-01	12 µm, Aluminum-Oxide Flat Film, 6 x 6 in sheet without PSA backing
1506208-01	16 µm, Aluminum-Oxide Flat Film, 6 x 6 in sheet without PSA backing
1506209-01	20 µm, Aluminum-Oxide Flat Film, 6 x 6 in sheet without PSA backing
1506210-01	40 µm, Aluminum-Oxide Flat Film, 6 x 6 in sheet without PSA backing
1506212-01	0.5 µm, Cerium-Oxide Flat Film, 6 x 6 in sheet without PSA backing
1506213-01	1 µm, Cerium-Oxide Flat Film, 6 x 6 in sheet without PSA backing
1506214-01	SO-SP Final Polish, Silicon-Oxide Flat Film, 6 x 6 in sheet without PSA backing
1506215-01	SO-HG Final Polish, Silicon-Oxide Flat Film, 6 x 6 in sheet without PSA backing
1506217-01	1 µm, Calcined White-Alumina Flat Film, 6 x 6 in sheet without PSA backing
1506218-01	Uncoated Flock Film, 6 x 6 in sheet without PSA backing
1506219-01	0.5 µm, Cerium-Oxide-Coated Flock Film, 6 x 6 in sheet without PSA backing
1506220-01	1 µm, Crystallized White-Alumina-Coated Flock Film, 6 x 6 in sheet without PSA backing
1506221-01	2 µm, Aluminum-Oxide-Coated Flock Film, 6 x 6 in sheet without PSA backing
1506222-01	5 µm, Aluminum-Oxide-Coated Flock Film, 6 x 6 in sheet without PSA backing
1506223-01	16 µm, Aluminum-Oxide-Coated Flock Film, 6 x 6 in sheet without PSA backing
1506224-01	0.1 µm, Silicon-Carbide-Coated Flock Film, 6 x 6 in sheet without PSA backing
1506225-01	3 µm, Silicon-Carbide-Coated Flock Film, 6 x 6 in sheet without PSA backing
1506226-01	9 µm, Silicon-Carbide-Coated Flock Film, 6 x 6 in sheet without PSA backing
1506227-01	0.3 µm, Ferrous-Oxide Flat Film, 6 x 6 in sheet without PSA backing

