

Diamond Film



ÅNGSTRÖMLap®

SEQUOIA™ Long Life Diamond Film

Diamond lapping films cut and polish the hard ceramic ferrules and the softer fibers close to the same rate, easily controlling fiber undercut or protrusion. Diamond also helps assure the ferrule geometries meet the Telcordia GR 326 version 3 specifications, and leave the ferrule in a condition ready for the final polish film. Diamond is always recommended for the intermediate steps of machine polishing of single mode or multimode ceramic connectors, and for single mode hand polishing of ceramic connectors. When stopping at a diamond of 1um or less, a good surface finish results with great geometries, but with a return loss of -35 dB at best. If back reflection of -55 dB or better is required, see our Final Polish Films.

SEQUOIA is the longlife diamond film which offers twice the working life of standard diamond films, therefore cutting your overall diamond lapping film consumables cost in half. During the manufacturing process, proprietary quality control steps are implemented, ranging from raw materials selection to final QC and testing. SEQUOIA is clearly at a level above all other diamond films available today.

ÅngströmLap SEQUOIA Diamond Film - Sold per sheet

Grit	2" Disk	2.75" Disk	110mm Disk	4" Disk	4" Disk PSA	Color
30 µm	--	--	--	D30RGO403N1	D30AR403P1	Green
15 µm	--	--	--	D15RGO403N1	D15RGO403P1	Orange
9 µm	--	--	D9AT1103N1	--	D9RRE403P1	Blue
5 µm	D5BF203N1	D5BF273N1	D5BF110N1	D5BF403N1	D5BF403P1	Brown
3 µm	D3BF203N1	--	D3AT1103N1	D3AT403N1	D3AT403P1	Pink
1 µm	D1CT203N1	D1CT273N1	D1CT1103N1	D1CT403N1	D1CT403P1	Purple
1 µm*	--	D1KT273N1	D1KT1103N1	D1KT403N1	--	Purple
0.5 µm	--	--	D05CF1103N1	D05CF403N1	D05FN403P1	Light Grey

Grit	5" Disk	3x4" Sheet	6x6" Sheet	8" Disk	9x11" Sheet	Color
30 µm	D30AR503N1	--	D30AR663N1	D30AR803N1	D30AR913N1	Green
15 µm	D15RGO503N1	--	D15AR663N1	D15RGO803N1	--	Orange
9 µm	D9AT503N1	--	--	--	D9AT913N1	Blue
5 µm	D5BF503N1	D5RGO343N1	D5BF663N1	D5BF803N1	D5BF913N1	Brown
3 µm	D3AT503N1	D3RRE343N1	D3AT663N1	--	D3RGE913N1	Pink
2 µm	D2CT503N1	--	--	--	--	Tan
1 µm	D1CT503N1	D1RGO343N1	D1CT663N1	D1CT803N1	D1CT913N1	Purple
1 µm*	D1KT503N1	--	D1KT663N1	--	--	Purple
0.5 µm	D05CF503N1	--	--	--	D05CF913N1	Light Grey

* Second generation SEQUOIA film

The films shown here are typical stock items. However, if you do not find the right size/material configuration, including center holes or PSA, to fit your application, we may already have it or we can have it manufactured for you. Please contact Fiber Optic Center with any request.

Specifications may change without notice

LAPPING FILM / A-2