

FUJIFILM Product Range

The range of polymer products produced by FUJIFILM includes both photosensitive and non-photosensitive materials. The non-photosensitive product line consists of the Durimide® 32A series of pre-imidized polyamide-imides, Durimide® 20 & 200 series of pre-imidized polyimides and Durimide® 100 series and LTP10-18A polyamic acids.

Non-Photosensitive	
Drop – on coating	Durimide 32A Series
Wet etch patternable	Durimide 100 Series LTP 10-18A
Low Temperature Cure	Durimide 200 Series Durimide 20 Series LTP10-18A

The photosensitive product line consists of the negative-acting solvent developable Durimide® 7000, 7300, and 7500 series polyimide precursors and the new positive acting aqueous buffer coat (ABC) AP2210B and the new negative acting ABC AN3310. The Durimide 7000 series are g-line and broad band sensitive and their molecular structure leads to a higher glass transition temperature (T_g). The Durimide 7500 series are both g- and i-line sensitive and are characterized by superior mechanical properties and a somewhat lower T_g . Durimide 7300 series polyimide precursor are indicated when silver or copper metallization are used. Both ABC AP2210B and AN3310 are g- and i-line sensitive and can be patterned using aqueous based positive resist developers.

Photosensitive		
	g-line/broadband	i-line
Superior thermal properties required	Durimide 7000	
Appropriate to most applications	Durimide 7500 or AP2210B/AN3310	Durimide 7500 or AP2210B/AN3310
Copper or Silver metallization	Durimide 7300	Durimide 7300
Excels at Thick Film applications (>10 μ)	Durimide 7000, 7300 or 7500	Durimide 7300 or 7500

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