

## DuPont™ Oasis® Polyimide/Fluoropolymer Composite Film

Category : Polymer , Film , Thermoset , Polyimide, TS , Polyimide, Thermoset Film

### Material Notes:

Oasis® composite film is heat sealable and is made using DuPont polyimide film and Teflon® fluoropolymer. Excellent electrical, thermal, mechanical, and chemical resistance properties. Used for printed circuit processing and installation. Exceptional toughness and resistance to cut-through make this useful as insulation for aerospace and communications wire and cable, where it can be pulled through tight routing. General Kapton® information: Kapton® is synthesized by polymerizing an aromatic dianhydride with an aromatic diamine. It has excellent chemical resistance; there are no known organic solvents for the film. It does not melt. It can be used at both high and low temperature extremes. Kapton® polyimide films can be used in a variety of electrical and electronic uses: wire and cable tapes, formed coil insulation, substrates for printed circuit boards, motor slot liners, magnet wire insulation, transformer and capacitor insulation, magnetic and pressure-sensitive tapes, and tubing. Data provided by DuPont High Performance Films. No detailed property information is available about this grade. Other Kapton® grades in MatWeb such as Types HN and VN have more details.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DuPont-Oasis-PolyimideFluoropolymer-Composite-Film.php](http://www.lookpolymers.com/polymer_DuPont-Oasis-PolyimideFluoropolymer-Composite-Film.php)

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