

DuPont Aircraft Applications



Vespel®

Wear and friction, broad temp stability, chemical resistance, lightweighting, high temp, insulator

Nomex® & Kevlar®

Heat- and flame- resistant, high strength and durable, lightweighting, electrical insulation

Oasis® & Kapton®

Thermally conductive, broad temp stability, insulator

Tedlar®

Non-flammability, durable, lightweight, resistance to harsh cleaning

Spectrum

Advanced molded assemblies

Interior: Floor Panels

Interior: Wiring & Cabling

Cabin management systems
Avionics and antenna systems
SATCOM
In-flight entertainment
Cabin actuation systems
In-flight connectivity

Interior: Cabin

Sidewalls
Stow bins
Window shades
Ceiling panels
Partitions
Monuments
Galleys
Lavatories
Closets

Tail

VTP
Rudder
HTP
Elevator

Auxiliary Power Units

Bushings
Thrust Washers
Shaft Bearings
Seals

Subsystems

Thermal and Electrical Insulators/RF Systems
Bearing Retainers in Avionics
Wear Pads and Wear Strips
Oxygen System Seals
Valve Seats (Various Systems)
Fuel System Electrical Isolation

Fuselage

Passenger doors
Radome
Undercarriage doors
Belly fairing
Central Wing box
Rear pressure bulkhead
Rear fuselage

Landing Gear Bay
Insulation Blankets
Cargo Protection
Labeling
Composite Release
Composite Protection
Radomes

Control/Actuation Systems

Actuation System Bearings
Control Surface Bearings
Clutch Brakes
Bushings and Guides in control linkages

Nacelles

Thrust Reverser Channels
Slide Blocks
Actuation System Bearings
Slider Shoes
Wear Pads and Wear Strips

Core material

Engines

See DuPont™ Vespel® Engine Solutions
Case wraps
Engine sensing and power wiring & cabling

Wing

Flaps
Spoilers
Ailerons
Slats
Wing skin