

Rotary Blade Abrasion Strips

Durable nickel edging for erosion prevention



Composite Technology Inc.

A Sikorsky Company

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Composite Technology, Inc. (CTI) is singularly focused on providing overhaul and repair of metal and composite rotor blades to customers worldwide. With more than 40 years expertise, CTI offers a unique service that equips an aircraft's blades with nickel abrasion strips. By reducing erosion from rain, sand and air pollutants, these nickel strips protect against impact damage. The nickel edgings help render the blades less susceptible to heavy corrosion in challenging environments.

The Right Protection Solution

- > Capable of deflecting direct blade damage
- > Prevents harsh elements from deforming blade structure
- > Replaceable strip that does not impair the blade when removed

Meeting Your Needs

- > Minimizes exposure to erosive elements
- > Reduces premature blade repair or replacement
- > Enables blades to reach maximum life potential
- > Reduces operating costs by preserving blade quality

Abrasion Strips Developed for the Following Platforms

- > Sikorsky Light Helicopter 269
- > U.S. Army AH-64 Apache Program

CTI is continually striving to improve the customer experience and is the only worldwide Blade Repair Center of Excellence certified by AgustaWestland, Airbus Helicopters, MD Helicopters (HTC), and Sikorsky Aircraft.



Nickel edging applied to blades



Spare 36" abrasion strip



Blade with strip removed

Why Composite Technology

- > Approved by major OEMs
- > AS9100/9110 registered by SAI Global
- > FAA & EASA authorized repair station operating under FAA 145
- > Industry leading 2,000 hour/three year warranty
- > Full service Non Destructive Testing (NDT) capabilities

Contact Composite Technology

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