



Our Fire Protection Wrap is designed to safeguard utility power poles and high-risk structures from fire damage.



UL-94
V-0 flame
retardant



Rated for
all system
voltages



Demo
videos

Ultra-thin, flexible, graphite-based non-conductive fabric activates at low temps and expands up to 35x for fast fire response

Thermal barrier protects wood, composite, and steel structures

Withstands 2000 F (1100 C) direct flames for 5 mins; keeps poles under 400 F (204 C)

Gaffable and lineman-friendly - no damage to pole integrity

No sticky residue - clean for poles, linemen, and wildlife

Does not encapsulate or trap moisture in wood poles

Free of halogen, asbestos, bromine, and formaldehyde - no toxic off-gassing

Sugar/glycol-free - does not attract animals that chew wood poles (cattle, horses, farm animals, wild game, etc.)

Multi-layer wraps enable multi-event fire protection

Manual or robotic install with Fulcrum Air FRM-100

Install with 6" overlap and 6" nail spacing, 1" from edge, for 160+ mph wind resistance

Designed to withstand extreme UV exposure, wind, and harsh climates





PW-FP-48



FMR-100
Fulcrum Air
installation robot

SKU

Size

PW-FP-24

24” (61cm) tall x 100’ long (30m)

PW-FP-36

36” (91cm) tall x 100’ long (30m)

PW-FP-48

48” (122cm) tall x 100’ long (30m)

Precut sheets available

Robotic installation available with Fulcrum Air FMR-100 robot

Properties

UL 94 Flammability

V-0

UL 723 / ASTM E84 Surface Burn Characteristics

Class A, flame spread 20, smoke 15

ASTM D-149 Dielectric Strength

TBA

ASTM D1822 Tensile Impact

> 200 ft-lb/in

ASTM Temperature Range

< 2000 F (1100 C)

ASTM D 4329 Accelerated Aging

< 10,000 hours

Width

1200 MM

Expandable rate

≥ 35x by volume

LOI

> 50

