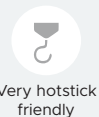
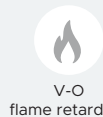


Raptor Guard™ spikes

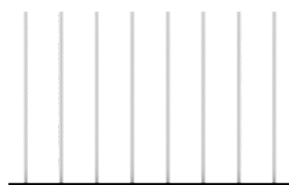
Perching excluders



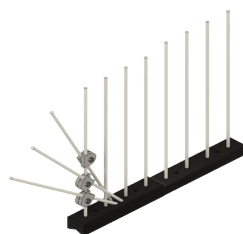
Perching excluders on transmission structures isolate dangerous energized areas and deter birds of prey from using structures as hunting perches.



- Blunt-tipped solid fiberglass spikes deter perching, as proven by live flight cage raptor tests conducted in collaboration with the rocky mountain raptor program
- Engineered to maintain structural integrity under extreme environmental conditions for decades
- Durability and effectiveness have been highlighted in pilot programs by the Washington State Fish and Wildlife and the bureau of land management
- Optional side extension covers vertical insulators or ends of cross arm
- Modular design allows for custom lengths
- Magnetic hotstick install option available
- UL 94 V-0 flame retardant material



Standard spikes



Spikes with extra coverage

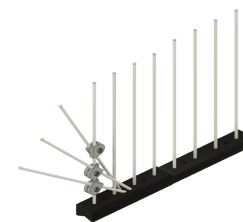


videos + more

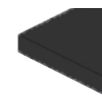
Base options



Raptor Guard™
standard spikes
RGSP-24



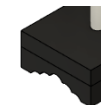
Raptor Guard™
spikes with
extra coverage
RGSP-24-EC



Flat



Angle iron



Davit arm

SKU	Coverage	Mount type	Min qty
RGSP-12-EC *	12"/30.48 cm	Cross arm	10
RGSP-24	24"/60.96 cm	Cross arm	20
RGSP-24-AN	24"/60.96 cm	Angle iron	20
RGSP-24-EC *	24"/60.96 cm	Cross arm	10
RGSP-24A	24"/60.96 cm	Davit arm	20
RGSP-24A-EC *	24"/60.96 cm	Davit arm	10
RGSP-36	36"/91.44 cm	Cross arm	10
RGSP-36-AN	36"/91.44 cm	Angle iron	10
RGSP-36-EC *	36"/91.44 cm	Cross arm	10
RGSP-36A	36"/91.44 cm	Davit arm	10
RGSP-36A-EC *	36"/91.44 cm	Davit arm	10
RGSP-48	48"/121.92 cm	Cross arm	10
RGSP-48-AN	48"/121.92 cm	Angle iron	10
RGSP-48-EC *	48"/121.92 cm	Cross arm	10
RGSP-48A	48"/121.92 cm	Davit arm	10
RGSP-48A-EC *	48"/121.92 cm	Davit arm	10

* Spikes with ec feature additional side spike extension to cover vertical insulators or ends of arm

Tests	Results
UL 746C outdoor weatherability	F1
UL-94 flammability	V-0 // 5VA @ .118"thickness
ASTM D-256 impact strength	23.0 FT-LB/IN
ASTM D695 flexural stress	3,810 PSI