

FIRE MESH™

WRAPPED UTILITY POLES

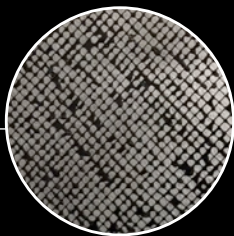
Guard your system with superior fire protection

A proactive solution

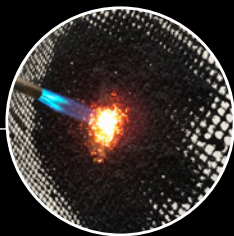
Mitigating damage to utility structures has become ever more important with the increase in catastrophic wildfires. Bell Lumber & Pole is proud to partner with Genics to offer poles wrapped with a breathable, fire-retardant mesh. Fire Mesh™ is a proven product that maintains the same procedures and standards for wood utility poles.

How it works

Poles are wrapped in a mesh coated with durable and flexible intumescent material. At 300°F the coating activates and expands to shield the wood from fire damage. Poles can be double wrapped or easily re-wrapped in the field to protect from fire events.



Mesh with intumescent coating



Expands at 300°F

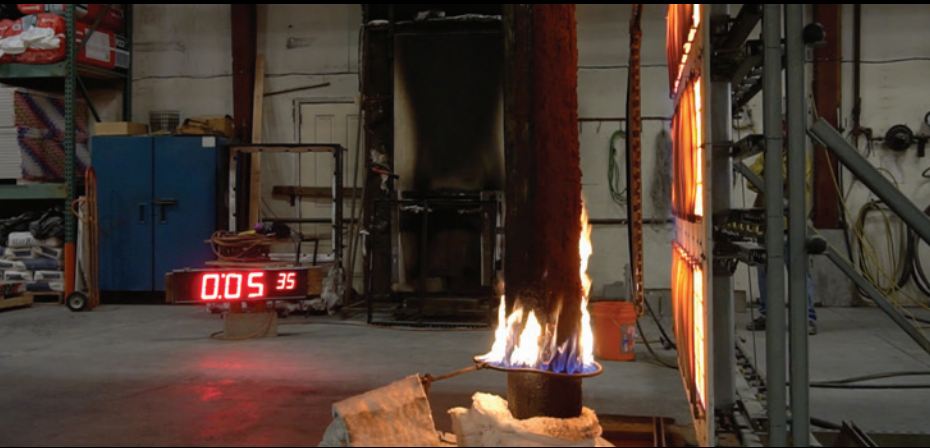


Protects wood from damage



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+ Protect your assets

- Most cost effective strategy to protect from fire damage
- Efficient maintenance in remote locations where poles are most vulnerable to wildfires
- Breathable mesh prevents the trapping of moisture

★ Unparalleled performance

- Designed to last the life of the pole
- Extremely UV resistant & highly durable
- Intertek tested & listed



🔧 Customizable options

- Optional double wrap to provide additional protection
- Wrap height variability depending on utility needs
- Wrap multiple species & types including laminate poles

🔧 Same installation & safe to climb

- Same procedures and standards as wood utility poles
- Adds very little weight to the pole
- Works with existing hardware
- Gaff-able & climbable without additional tools or gear
- Easy to repair or patch if needed

🌲 Safe for the environment

- Safe to handle, no leaching of chemicals
- Standard landfill or construction waste facility disposal

Genics Case Study

In 2020, wildfires in California severely impacted power utilities along the coast. The benefits of proactive mitigation were realized by one utility in a high-risk fire zone that had installed Fire Mesh™ on its poles.

Upon inspecting fire damage, the utility reported to Genics that only one Fire Mesh™ wrapped pole needed to be replaced due to fire damage (the flames reached higher than the protective wrap on the one pole).

The utility was pleased with Fire Mesh's performance. Their proactive approach was praised by the Utility Commission and rate payers.



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