

UNION GLADIATOR SHIELD™ FOR SURFACE MINING

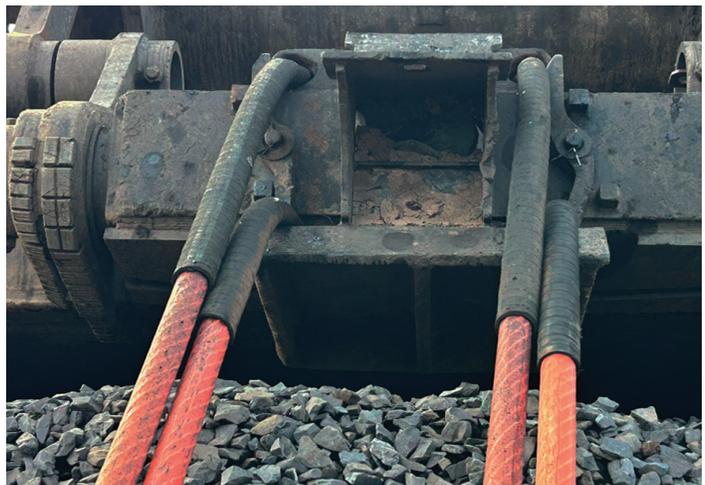
WireCo's patent-pending solution to protect ropes from rock damage and impact transfer

GLADIATOR SHIELD™ ROCK PROTECTION

WHY GLADIATOR SHIELD? LONGER SERVICE LIFE

Rope failures, often caused by debris falling onto ropes above the dipper, have been a persistent challenge in the surface mining industry. To address this issue, customers have frequently explored a variety of methods to protect the vulnerable areas where these failures occur.

Gladiator Shield is specifically designed for use with our Tuf Max and Gladiator Hoist Ropes. It is applied to the section of the rope that lies above the dipper of the shovel. Its primary function is to protect this critical area from rock damage. Although it is not a strength member of the rope, Gladiator Shield serves to safeguard the polymer and outer wires, enhancing the longevity and durability of the rope.



Available in diameters ranging from 2-1/4" to 2-7/8", Gladiator Shield provides an essential layer of protection for high-performance hoist rope systems.

**TESTED TO PERFORM:
NOTICEABLE IMPROVEMENTS**

Through trials conducted at a U.S. mine using Union Gladiator Hoist Rope, **noticeable improvements were observed in the rope sections protected by Gladiator Shield**. The addition of Gladiator Shield not only contributes to a longer service life but also provides a valuable solution to mitigate rope failures and ensure the reliability of rope systems in such critical applications.



Before: Picture of hoist rope without Gladiator Shield protection



After: Picture of hoist rope with Gladiator Shield protection installed

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