

slurry applications, absorbing the energy from moving slurry and returning to its original form while dampening vibrations. Linatex hose bends are stocked in 4- to 16-in. (101 to 406-mm) IDs in both 45° and 90° 3D radii. In addition, Linatex said its new wear indicator system provides a solution to many typical issues associated with hose maintenance in highly abrasive environments. Unlike other wear indication systems which only check for a break in the wire (continuity) to detect a go/no-go hose failure point, the Linatex indicator system senses a change in resistance as measured by ohms, providing for more accurate results. Linatex said it has enhanced its existing cut-end hose line by increasing standard working pressure to 150 psi, and taken steps to provide better performance from its reusable, lightweight aluminum flanged couplings.

www.weirminerals.com



Advanced Design Enhances Drill Bit Efficiency

Rockmore International's new B6 drill bit is intended to increase drilling efficiency and reduce operating costs for hardrock drilling and blasting in tunneling operations. The bit's new design is claimed to prolong bit life and increase drilling penetration rates by incorporating enhancements in the bit face design and improvements in the configuration of cutting geometry. Offered in 45-mm (1.75-in.) head diameter—the most popular tunneling blasthole dimension—the B6 is a but-



ton bit with six large tungsten carbide inserts on the periphery row for enhanced rockbreaking characteristics. The inserts are about 1 mm larger in diameter compared with previous models, leading to longer bit life. The B6 also incorporates changes in flushing design, such as placement of grooves and flutes designed to effectively carry rock cuttings away from the bit face. Multiple flutes are placed strategically between all button inserts to maximize the flow of the flushing medium carrying the cuttings. Such enhancements in the bit face flushing design, according to Rockmore, contribute greatly to penetration rates since the rock cuttings evacuate the drilled hole more efficiently.

www.rockmore-intl.com

Fiber Optic Cable

Optical Cable Corp.'s MSHA-certified tight-buffered breakout cable is designed to extend high speed communications deep underground, while withstanding thermal extremes, physical hazards and even falling debris in mining operations. This extremely ruggedized fiber optic cable enables mining personnel to access a corporate network and even its ERP system from thousands of feet below ground for critical tasks such as real-time maintenance tracking, ordering parts, review of electronic files or schematics, access to monitoring data and more. The cable greatly exceeds minimum industry standard requirements, according to the company. It

has a flex resistance of thousands of cycles, crush resistance of 2200 N/cm, and the ability to withstand 1,000 impacts along with temperature extremes of -55 to +124 C. Additionally, the sub cables are helically stranded and surrounded by a special formulation, pressure extruded outer jacket. This Core-Locked jacket locks all of the sub elements of the cable in place, greatly enhancing crush resistance, jacket tear resistance and overall durability.

www.occfiber.com



Extracted Key Adaptor

The E1 from Fortress Interlocks is an extracted key adaptor the company has added to its amGard range of modular safety gate switch interlocks. The new product ensures the door to hazardous machinery cannot be opened without removing the safety key, and the machinery cannot be restarted until the key is returned. By being designed to trap an actuator in the head until the key is removed, the mechanism allows the "gate" to wing over the keyhole. While the actuator remains out of the head, the gate remains over the keyhole, preventing the key being returned to the lock. E1 ensures a specific sequence of operation and can be stacked or combined with other access and safety key adaptors. Up to five key adaptors can be used in one configuration. Suitable for either hinged or sliding door applications, E1 also works with Fortress amGard LOK or STOP bodies.

www.fortressinterlocks.com

