



# Mining Advance Wire and Cable



**SYCOR**  
TECHNOLOGY INC

# INDUSTRY



Sycor's mining and industrial-grade cable designs enable high-performance mining production and ensure reliability over the cable's lifecycle, ultimately providing a cost-effective wiring solution. Mining is a difficult industry, but the Sycor team is able to supply MSHA (Mining Safety & Health Administration) certified products. These certified cables are reliable and offer exceptional flexibility, torsion, drag resistance, excellent temperature ratings, abrasion resistance and flame resistance. Whether you're Open-pit mining, Underground mining, Placer mining or even In-situ mining for uranium, our team has a solution for you!

MSHA, also known as Mining Safety & Health Administration, is the certification that administers the Federal Mine Safety and Health Act. This Act, also known as the Mine Act, was developed in 1977 and enforced the health and safety standards. MSHA is one of just a few of the different certifications the Sycor team is able to provide. Available in a variety of products, our team offers mining solutions for some of the most detailed, complex and demanding applications within the mining industry today.

## Mining Applications



# PRODUCTS



## Power Cables

### Type W - Round & Flat

#### Industrial Grade Cable

2KV, 90°C

EPDM Insulation/CPE Jacket

Approvals: MSHA, TC-ER, RHH/RHW, FT-1, FT-5

### SOOW Portable Cord

600V, 150°C

EPDM Insulation/CPE Jacket

Approvals: UL, CSA, FT-1

### SEOWW Power Cable

600 Volts, 105°C

Oil resistant TPE Insulation & TPE Jacket

\*UL listed for continuous submersion in water

### DLO - Diesel Locomotive 2kv

2kv, 90°C

EPR Insulation

Approvals: UL, CSA, NEMA WC8 & ICEA S-68-516

### Type G & G-GC

2000V, 90°C

EP Rubber Insulation, Heavy-Duty PE Jacket

Approvals: MSHA, OSHA, UL Type G & G-GC, UL1650

## Cable Management Products

Cable Ties

Termination Connectors

Custom Cable Harnesses

Insulated Fork Terminals

Heat Shrink Tubing

Heat Shrink Boots & Joints

Bus Bar and Grounding Straps

Expandable Braided Sleeving and Spiral Wrap

Cable Identification

## Additional Mining Cables

### SRML - Silicone Rubber Motor Lead

Silicone Insulation, Non-fraying glass braid

CSA SEWF-2 UL SFF-2, UL3070, UL3101, UL3278, UL3231

### MGT Wire

300 Volts / 600 Volts, 450°C

Nickel Conductor, Glass reinforced Mica Tape, Fiberglass Braid Jacket

Approvals: CSA FT-1, UL5107, UL5128, NEMA WC 73-2000

### Multi-Conductor Braid & Foil Shield

SR-PVC Insulation, PVC Jacket

100% Foil Shield, 85% Braided Tinned Copper Shield

UL2464, (NEC) CM/CMG or CMG, NEC article 725-38, CSA

FT-4, UL FT-1, OSHA

\*\*Additional Multi-Conductor Constructions

## High-Voltage Cables

Available: 5kv, 8kv, 15kv, 25kv & 35kv

### MV90 | 5kv-35kv

XLPE Insulation, PVC Jacket, Wire Shield

UL1072, ICEA S-93-639 / S-97-682, AEIC CS8, NEMA WC74

### MV90 | 5kv-35kv

XLPE Insulation / PVC Jacket / Copper Tape Shield

UL1072, ICEA S-97-682, AEIC CS8

### MV105 | 5kv-35kv

EPR insulation / PVC Jacket / Copper Tape Shield

UL1072, ICEA S-93-639 / S-97-682, AEIC CS8, NEMA WC74

### MV105 | 5kv-35kv

EPR insulation / CPE Jacket / Copper Tape Shield

UL1072, ICEA S-93-639 / S-97-682, AEIC CS8, NEMA WC74

### MV105-3C | 5kv-35kv

3 Conductors, EPR insulation / PVC Jacket / Copper Tape

Shield

UL1072, ICEA S-97-682, AEIC CS8



# CONTACTS



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