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# COMMITTED TO SAFER, MORE PRODUCTIVE MINING



*Since the electrification of mines, our company's core business has been powering mine equipment.*

Surface or underground – Nexans AmerCable has a cable productivity solution for you. Our innovatively engineered and manufactured Tiger® Brand cable line is designed for your toughest conditions. As the leading global producer of mining cables, Nexans AmerCable is dedicated to producing:

- cables that last longer in harsh mining environments
- cables designed to help provide greater levels of safety and productivity
- **lowest cable cost per ton!**



## MINING CABLE INNOVATION

- Designing insulating and jacketing materials that are more flexible with greater resistance to mechanical damage, abrasion and moisture
- Cable constructions that last longer providing reduced down time for increased production
- New product development that addresses environmental, safety and cost reduction issues specific to your mining application

## OPERATING EXCELLENCE

- Best at On-Time delivery
- Standard lead-time of 6 to 8 weeks
- Urgent response shipment capability of 2 to 4 weeks
- Strategically located inventories throughout the major mining regions
- AmerCable is an ISO-9001 certified manufacturer



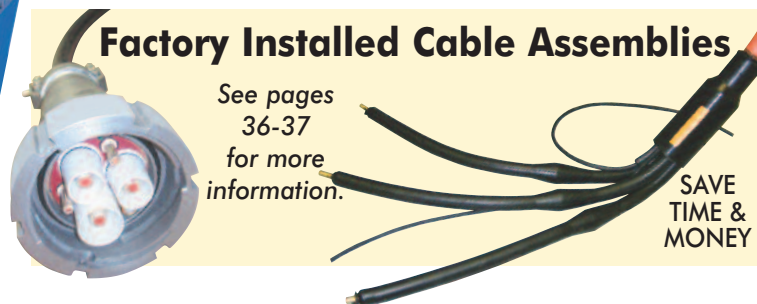
## HANDS-ON FIELD SUPPORT

Our mine-experienced field application engineers are available 24/7 for on-site evaluation and solutions. They also conduct education and training sessions that address safety, splicing and cable handling issues.

**See page 35 for more information.**



## Factory Installed Cable Assemblies



See pages  
36-37  
for more  
information.

[www.nexansamercable.com](http://www.nexansamercable.com)  
e-mail: [mining@nexansamercable.com](mailto:mining@nexansamercable.com)



36-503

# TYPE SHD-GC MOLD-CURED CPE JACKET • 2000 VOLTS

## Conductors

Flexible tinned copper

## Ground Check Conductor<sup>2</sup>

Flexible tinned copper  
with yellow polypropylene insulation

## Ground Wires

Flexible tinned copper

## Insulation

90°C ethylene-propylene  
rubber (EPR)

## Separator Tape

## Jacket<sup>1</sup>

Reinforced mold-cured  
thermosetting Chlorinated  
Polyethylene (CPE) Jacket.  
Cable identification  
via permanent marking.

## Tape

Non-conducting

## Insulation Shielding

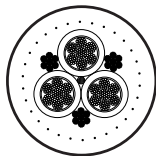
Tinned copper  
and color coded  
nylon braid

**Pure  
Integral Fill  
for greater  
torsion  
resistance**

See Page 34 for jacket  
color options.

Also available with  
Extra-Tough Thermoplastic  
Polyurethane (TPU) jacket  
for extremely abrasive  
environments! See page 4.

See Page 32-33 for  
Tiger Stripe options



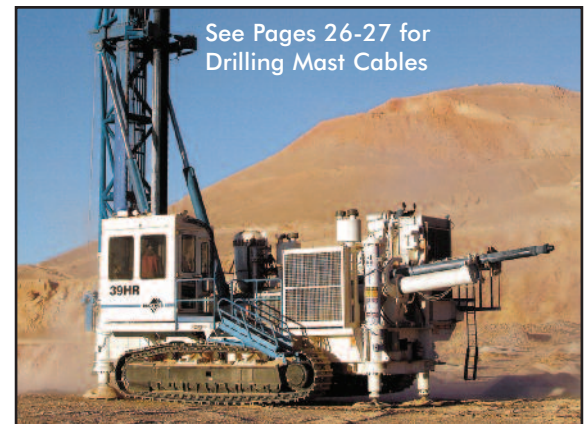
Round-shaped  
cross-section

## APPLICATION

Heavy duty portable power cable for use in  
circuits not exceeding 2,000 volts. Designed for  
applications such as drills, conveyors, pumps and  
mobile equipment where grounding  
conductors, a ground check conductor and metal-  
lic shielding are required. Recommended maxi-  
mum continuous conductor temperature  
is 90°C. Suitable for shallow water submersion.

Cable carries "P-184-MSHA" marking indicating  
acceptance as flame resistant by the Pennsylvania  
Department of Environmental Protection and the  
Mine Safety and Health Administration.

Tiger® Brand Mining Cable meets or exceeds ICEA  
Standards S-75-381/NEMA WC-58,  
ASTM B-172 and B-33.



See Pages 26-27 for  
Drilling Mast Cables

Photo courtesy CAT

## RATINGS & APPROVALS

- Mine Safety & Health Administration 184-MSHA.
- Pennsylvania Department of Environmental Protection P-184.
- Insulated Cable Engineers Association S-75-381/NEMA WC-58. Design  
standard for mining cables.
- Canadian Standards Association C22.2 No. 96  
File 82346, FT1, FT5, -50°C  
CSA Phase Color ID available on  
Type SHD-GC, SHD-BGC up to 25kV  
SHD-GC meets FT4 requirements
- RETIE

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