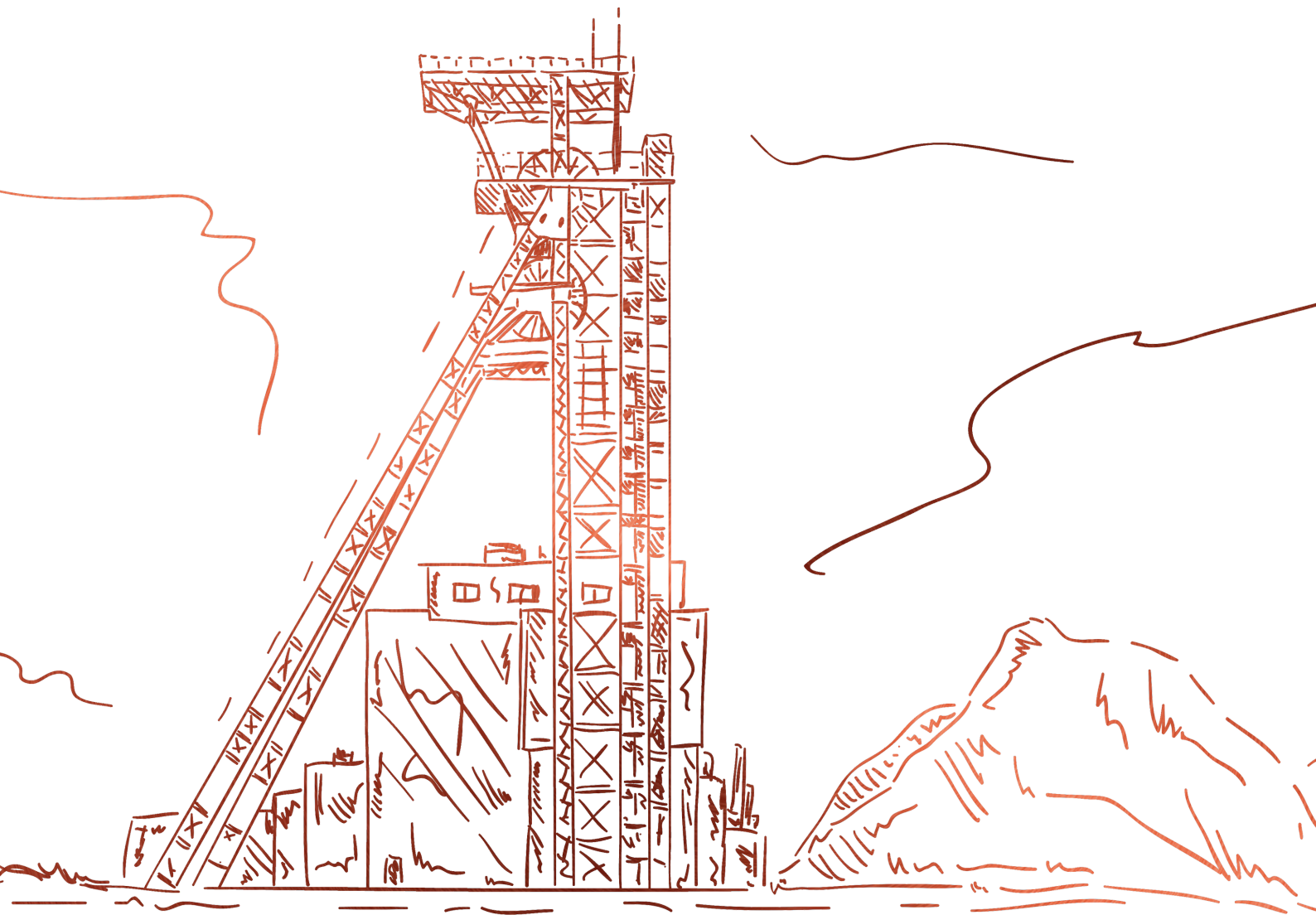


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HELUKABEL® Vietnam



Cables, Wires & Accessories for

MINING INDUSTRY



(Channeling)
POWER 

CABLES AND WIRES

MGM-101 500 V



Cable structure

1. Conductor: Electrolytic, stranded, tinned copper wire IEC 60028 Class 5
2. Insulation: EPDM
3. Layup: Cores are laid up a round a central strainer
4. Outer sheath: Heavy duty chloroprene outer sheath

Properties

1. Related standards: MGM 101/1982
2. Test voltage: 500 V

NSSHÖU 0,6/1 kV



Cable structure

1. Tinned copper conductor, fine wire acc. to DIN VDE 0295 cl.5 / IEC 60228 cl.5
2. Core insulation of rubber (EPR) compound type 3GI3 acc. to DIN VDE 0207-20
3. Core identification acc. to DIN VDE 0293-308
4. GN-YE conductor, 3 cores and above
5. Cores stranded in layers with optimal lay length
6. Inner sheath of rubber compound type GM1b acc. to DIN VDE 0207-21
7. Outer sheath of rubber compound type 5GM5 acc. to DIN VDE 0207-21
8. Sheath colour: yellow

Properties

1. Resistant against hot penetration
2. Test voltage 3000 V
3. Abrasion resistant
4. Notch resistant
5. Resistant against: oils, ozone, fats and chemicals

NSHTÖU 0,6/1 kV



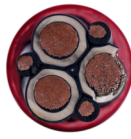
Cable structure

1. Copper conductor tinned, finely stranded acc. to DIN VDE 0295 Class 5 / IEC 60228 Class 5
2. Core insulation: rubber acc. to DIN VDE 0207-20 (compound type 3GI3)
3. Core identification acc. to DIN VDE 0293-308
4. G = with protective conductor GN-YE, in the outer layer
5. Cores stranded in layers with optimal lay lengths
6. Textile bandage
7. Inner sheath: Rubber
8. Anti-torsion protective layer

Properties

1. Resistant to: oil, ozone, solvents, petrol, acids, chemicals, greases
2. Test voltage 2500 V
3. Abrasion-resistant
4. For outdoor use
5. Operating parameters for reeling applications
Acceleration (max.): 0.4 m/s²
Velocity (max.): 120 m/min
5. For horizontal reeling operations

(N)TSCGEWÖU 6/10 kV



Cable structure

1. Conductor: Electrolytic, stranded, tinned copper wire DIN VDE 0295 Class 5
2. Separator: Semiconducting layer over power conductors and earth conductors
3. Insulation: Phase cores are insulated with 3G13 compound (acc. to DIN VDE 0207 part 20). Earth cores are not insulated.
4. Separator: Semiconducting layer over phase core insulations
5. Layup: All cores are laid up in contact with each other and interstitial ground cores.
6. Outer sheath: Heavy duty elastomer outer sheath 5GM5 (acc. to DIN VDE 0207 Teil 21)

Properties

1. Rated voltage: 3,6/6 kV
6/10 kV
8,7/15 kV
12/20 kV
18/30 kV
2. Test voltage: 3,6/6 kV = 11 kV
6/10 kV = 17 kV
8,7/15 kV = 24 kV
12/20 kV = 29 kV
18/30 kV = 43 kV

Other Products

(N)SSHCGOU



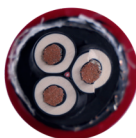
(N)SSHCGOU (EpN63)



(N)TSCGEWTOU 3,6/6 kV



(N)TSCGECWOU (SMK) EpN65 3,6/6 kV



DRAG CHAINS

SLE Steel Chain

The ideal choice for long self-supporting lengths, large quantities of cable and heavy hydraulic hoses

Applications:

Machine tools, handling technology, conveyor and lifting technology, steelwork and drilling

Advantages:

1. Available in steel, stainless steel and hardened versions
2. Bar partitioning in many variants
3. Easy to shorten or extend
4. Cover plates protect joint mechanisms



GKA Large Customised Steel Chain

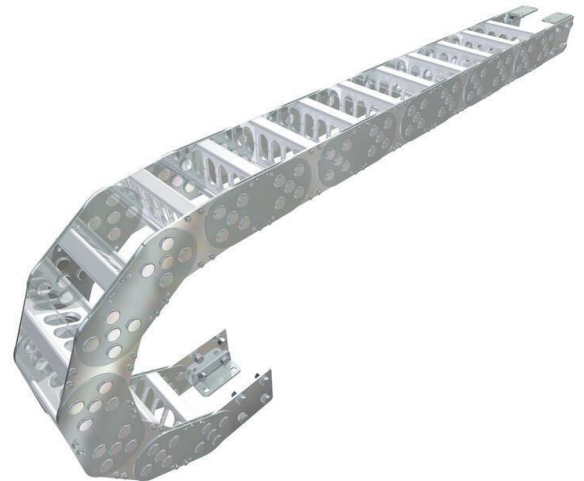
Large steel chain for high cable quantities and hoses with large outer diameters as well as unsupported lengths up to 18 m

Applications:

Rolling mills, offshore plants, large machine tools

Advantages:

1. Extra high stability
2. Variable interior design
3. Bar lengths up to 1,200 mm poss
4. Also available in stainless steel and customised versions



SFK Steel Spiral Tube

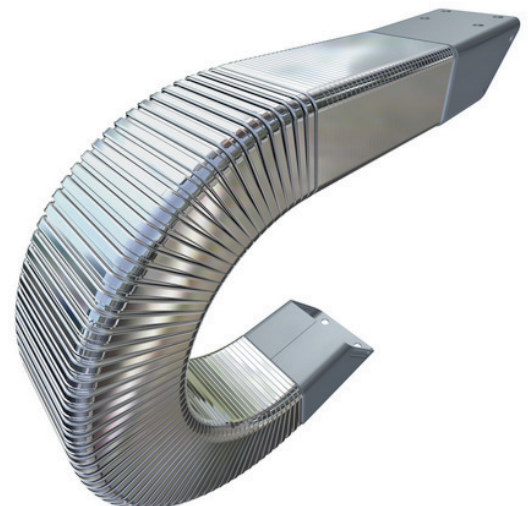
Optimal protection of cables and hoses against hot metal chips, welding sputter and flying sparks

Applications:

Machine tools and special machines with short travel distance and low number of strokes

Advantages:

1. Closed steel jacket with retracted spring steel strip
2. Large usable cross-sections with small external dimensions
3. Optimum cable protection Several connection variants available

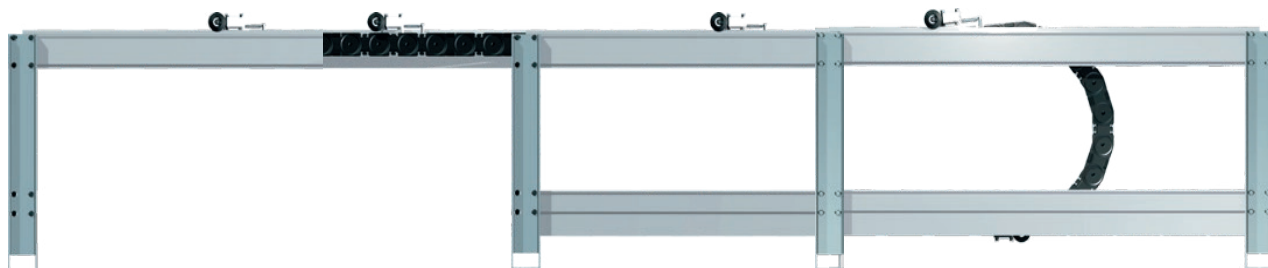




ENERGY CHAIN SYSTEMS

Marathon

1. No repeated bending
2. No increased starting torques abrasion and wear-minimizing
3. Moving forces reduced by up to 90% forces into the direction of energy chain



**(Channeling
POWER)** 

