

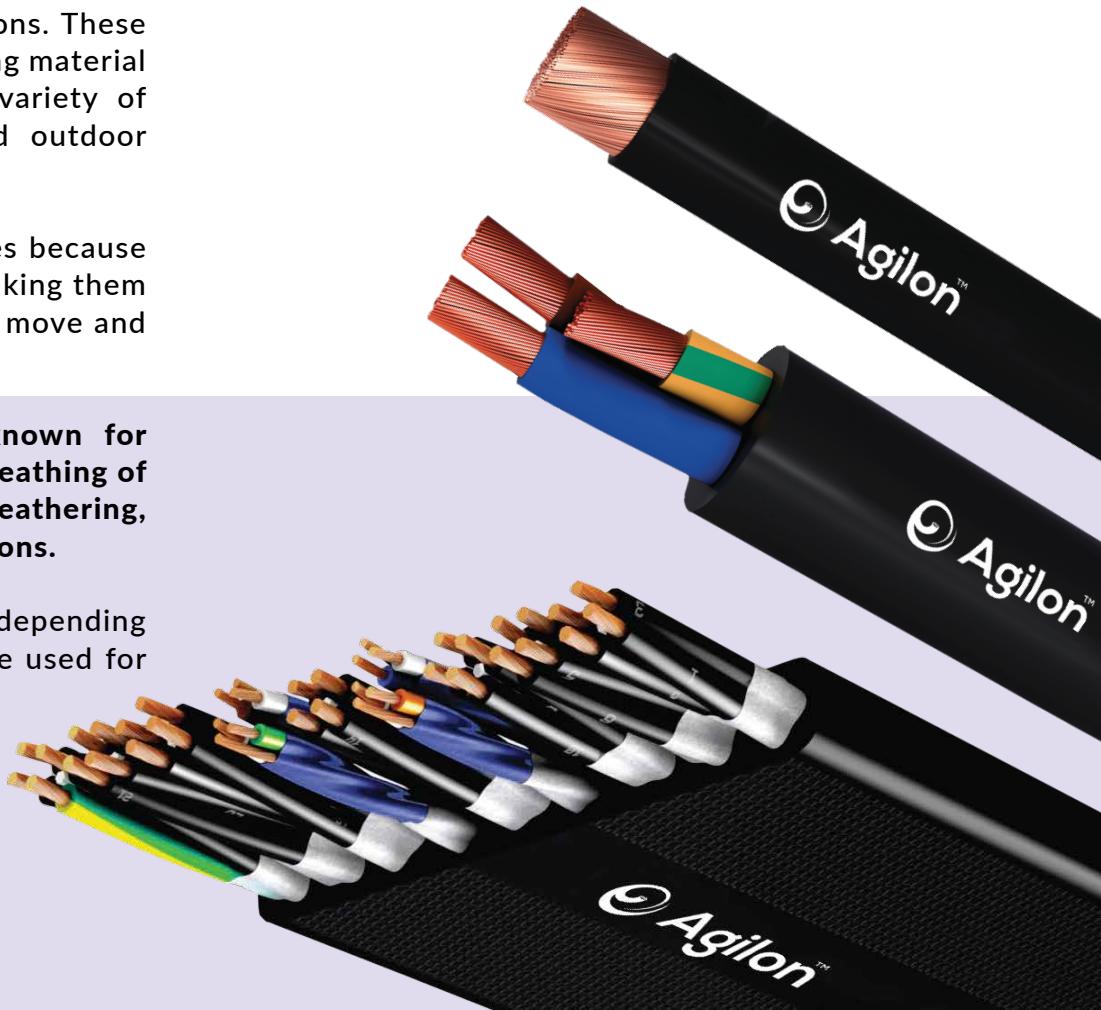
# RUBBER & CRANE CABLES

Rubber Cable is a type of electrical cable that is designed to be flexible, durable, and able to withstand harsh environmental conditions. These cables are made using a rubber-based insulation and sheathing material that gives them unique properties. They are used in a variety of applications including power tools, heavy machinery and outdoor equipments.

Rubber Cables are often preferred over other types of cables because of their flexibility. They are able to bend and move easily, making them ideal for use in situations where a cable needs to be able to move and twist without breaking or cracking.

**In addition to the flexibility, rubber cables are also known for durability. The rubber material used in the insulation and sheathing of these cables is resistant to abrasion, chemicals and weathering, making it a great choice for outdoor and industrial applications.**

Rubber Cables are available in a variety of sizes and types, depending on the application they are intended to use for. They can be used for both low and high voltage applications.





**Trailing Applications**  
(E.G. Hand Drilling, Welding, Mobile Mining Equipment, Cutting Machine)



**Continuous Flexing Applications**  
(E.G. Mining/drilling Machines, Shovels, Drillers, Excavators, Dozers, Conveyors, Oils Rigs)

## APPLICATIONS



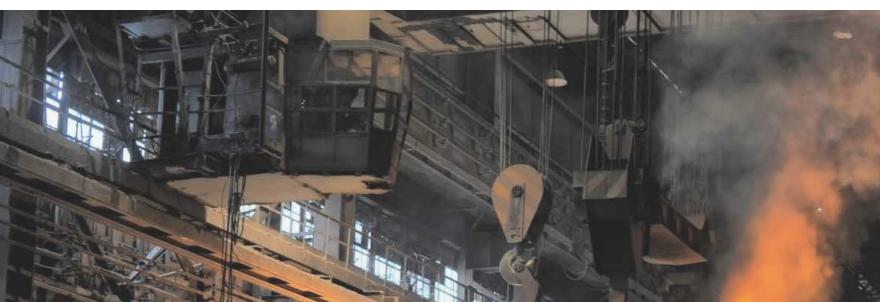
**Reeling-unreeling Applications**  
(E.G. Cable Reeling Drum)



**Festoon Applications** (E.G. Overhead Eot Cranes, Port Container Cranes, Process Cranes, Other Moving Machineries)



**Elevator / Hoist Applications**  
(E.G. Lifts / Elevators, Hoist & High Mast)



**Drag Chain Applications** (Drag Chain In Oil Rigs & Various Process Industries, Robotic Operations, Measurement Control)



**Silicon Rubber Cable Applications:** Steel Plants (Foundry, Furnace, Melting Shop, Coke Oven Glass Factory Etc)



**Industries:** Steel Plants, Cement Plants, Mines, OEMs, Ports & Shipping, etc.

# RANGE / TYPE

**SINGLECORE &  
MULTICORE EPR CABLES**  
As Per IS 9968 (Part 1) 1.1 KV  
Grade

**SILICONE RUBBER CABLES**  
For High Temperature  
(Upto 180°C) Application  
As Per IS 9968

**HIGH VOLTAGE CABLES**  
As Per IS 9968 (Part 2), Ranging  
From 3.3 KV To 33 KV

**WELDING CABLES**  
As Per IS 9857

**CRD CABLES**  
Cables with anti-torsional  
reinforcement between inner & outer  
sheath for heavy duty applications  
like CRD (cable reeling drums)

**MINING CABLES**

As Per IS 14494:

- Type FTA-7 (1.1 KV grade trailing cables for mining equipments)
- Type FTD-3 (1.1 KV grade trailing cables for hand held drillers)
- Type FT-10 (3.3 / 6.6 KV grade cables for power supply to mining equipments)
- Type 3PA1 / 6PA1 (3.3 / 6.6 KV grade cables for power supply to mining equipments)

**H05RR-F**  
Multicore Cables

**H07RN-F**  
Singlecore & Multicore Cables

**NSHTÖU**  
Drum Reeling Cables

**PUR-H**  
Drum Reeling Cables



# PVC Flat Cables

PVC Flat Cables are specifically designed for use in moving applications. They are commonly used in equipments such as cranes, conveyors, and robotic arms, where the cable needs to be able to move and flex repeatedly without compromising performance or safety.

The construction of PVC Flat Cables typically consists of a series of parallel, stranded copper conductors that are insulated with PVC (polyvinyl chloride) material. The conductors are then arranged side-by-side in a flat ribbon configuration and held together by a special PVC outer jacket. This design allows for the transmission of multiple signals or power to be carried over a single cable, providing a space-saving solution that is also easy to route and install.

PVC Flat Cables are designed to be highly flexible and resistant to fatigue. **They are able to withstand millions of bending cycles without breaking or losing performance.**

**In addition to their flexibility, PVC Flat Travelling Cables offer excellent electrical performance. The parallel configuration of the conductors helps to minimize crosstalk and interference, allowing high-speed data transmission and signal integrity.**

They are often used in situations where space is limited or where a high number of conductors need to be routed in a small area.



## Pendant Cables

Our Pendant Hoist Control Cables are designed to operate under high mechanical stresses, as well as torsion, torque and tension.

Pendant Hoist Cables are for control applications, sending signals to overhead cranes and gantries from push-button controls. They are used for overhead crane feeder applications as they offer the combination of both flexibility and robustness across a wide temperature range of -40°C to +70°C for fixed installations, and a low of -25°C for mobile applications.

With galvanised steel wire rope offering suspension support up to a maximum suspended height of 80m and a pulling force of 2100N for each steel core, the PVC sheathed flexible copper pendant hoist cable is designed with a voltage rating of 300/500V. They are multicore cables of 5 core and above.

**Pendant Hoist Cables** are manufactured for use in heavy industry, for use alongside other crane cables, in operations including mining, quarrying and the construction industry.





TRUSTED PERFORMANCE  
when it matters the most