

PASSENGER & MATERIAL HOIST CABLES (TPE)

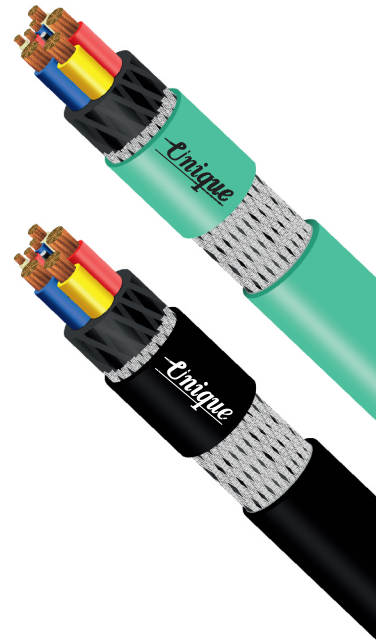


Application

Material and passenger hoist cable is used in vertical transportation that moves people or goods between floors (levels, decks) of a building, vessel, or other structure. Elevators are generally powered by electric motors that either drive traction cables or counter weight systems like hoist, or pump hydraulic fluid to raise a cylindrical piston like a jack. It is made up of TPE (Thermoplastic elastomer) compound that has a high degree of flex fatigue resistance, excellent heat and fire-resistant properties. The cable is connected with the hoist and moves vertically up and down along with the hoist.

Description

1100 V Grade Annealed Bare Copper conductor, TPE insulated, such all cores laid up together with cotton filler, TPE inner sheathed, nylon yarn reinforcement, TPE sheathed hoist lift cable.



Special Features			
1	Hardness (ASTM D-2240)	Min	94 Shore A
2	Tensile Strength (ASTM D-412)	Min	12 N/mm ²
3	Elongation at Break (ASTM D-412)	Min.	450 %
4	Thermal Stability at 200°C (As per IS:10810)	Min	100
5	UV Resistant		Yes
6	Heat, Oil & Flame Retardant		Yes
7	Melt fellow Index (ASTM D-1238)	Gm/10 Temp-230°C wt-2.26 kg	3.60
8	Abrasion Resistant (DIN 53516)	Mm ³	115
9	Tear Strength (ASTM D-624)	Kg/cm	60
10	Specific Gravity (ASTM D-972)		0.967