



Rolycab[®]

THHN/THWN WIRES



INTRODUCTION

THHN/THWN Wires - Low Friction/Abrasion proof wires.

Rolycab Industries introduces more safe and user friendly wires for industrial and household wiring systems.

These wires are highly abrasion proof with its new two layer technology, with high heat resistance materials to withstand higher capacity as well as carry higher ampere of current. The second layer on the wire is made of a special compound to avoid any type of damage/ cuts on the wire during application due to its low friction features.

SAFETY

After doing heavy research we have concluded most of the fires occur due to damage/ cuts on wires during application, while pulling through conduits etc.

That is why we at Rolycab Industries have developed this wire in order to cut down risk by as much as to 99% for short circuits.

We have also done immense studies in markets like UK/USA, to have developed this wire for the International market as well as domestic market.

TECHNICAL DATA

UNIT

Temperature Range :

Conductor Stranding :

Nominal voltage Uo/U :

Test Voltage :

Insulation (1st layer) :

Outer Jacket :

DATA

-25°C to 90°C

Multi Stranded [Class -2/ IEC - 60228] & IS: 8130

600v/1100v

4000v

Heat Resistance PVC

Special Hard Compound (Highly Abrasion Proof)

APPLICATION

Rolycab THHN/THWN wire are highly suitable for the following: (For indoor and outdoor application)

- > House/ Building Wire
- > Commercial Buildings
- > Hospitals
- > Railway Stations
- > Airports
- > Machine tool Wiring etc.
- > Solar Energy systems

Nominal Cross Section (Sq.mm)	Number of Strands (Class 2 IEC)	Nominal Thickness of PVC	Nominal Thickness of Jacket	Max CR@20°C	O.D (Approx)
1.00	7	0.40	0.20	18.10	2.70
1.50	7	0.45	0.20	12.10	3.00
2.50	7	0.50	0.20	7.41	3.60
4.00	7	0.55	0.20	4.61	4.20
6.00	7	0.70	0.20	3.08	5.20
10.00	7	0.90	0.30	1.83	6.50
16.00	7	0.90	0.30	1.15	7.50

Available Colours: Red, Yellow, Blue, Black, Green. Any other colour is also available on request, subject to MOQ.

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