ONETIX®

Eco Friendly | Energy Saving | Safe

THE FUTURE IS
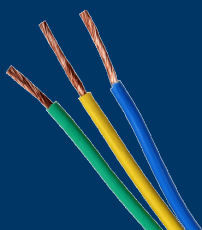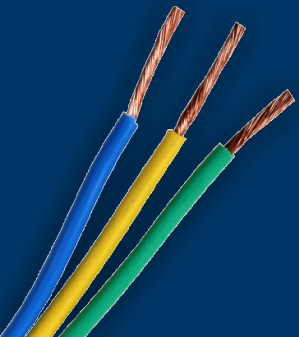# IN OUR HANDS

GREEN WIRE

ONETIX GREEN WIRE

Eco Friendly | Energy Saving | Safe

ONETIX : Making lives easier, safer and better.

ONETIX VENTURES : Making lives easier, safer and better.
Ever since its inception in 1964, ONETIX VENTURES has been relentlessly innovating to make a positive difference in people's lives. Every product reflects the Company's response to evolving needs as well as its commitment to pushing the technological envelope. A prime illustration of which is ONETIX VENTURES flagship product - Wires and Cables.

Today, ONETIX VENTURES is the country's largest manufacturer of wires and cables, producing around 3.9 million kilometres of cables every year. Its vast range of products not just cater to every segment of the market, but also help ONETIX VENTURES bond with millions of satisfied customers every year.

Going forward, Polycab aims to continuously innovate and bring greater value to customers

ONETIX VENTURES : A snapshot

- 25 manufacturing facilities
- >95% of manufacturing done in India
- 3,500+ authorized distributors and expanding
- 1,25,000+ retailers connecting Polycab to consumers

Distinctly Different Features:

ONETIX ®

Eco-friendly:
Green Wire is manufactured using high grade, recyclable raw materials.

Extra safe:
Its excellent flame retardant properties make it a life-saver.

High thermal stability:
Leads to high heat resistance and a longer product lifetime.

Low smoke density:
This, along with reduced toxic fumes ensures better visibility, thus enabling faster evacuation in the case of an electric fire.

Higher current carrying capacity:
Superior grade raw materials ensure higher current carrying capacity and greatly enhance the power efficiency.

Manufactured inside a green zone:
To avoid external contamination.

Longer life:
Advanced raw materials ensure greater product stability and long lifetime.

Manufacturing
Adopting sustainable practices

- **ONETIX VENTURE** Green Wire is manufactured at highly integrated plants in Halol and Daman
- These plants use state-of-the-art machinery, are helmed by trained professionals and conform to globally accepted quality managemen systems
- Stringent tests are conducted at Polycab's NABL accredited in-house laboratories to keep out hazardous and lead contaminated raw materials

PERFORMANCE TABLE: CONVENTIONAL WIRE vs GREEN WIRE

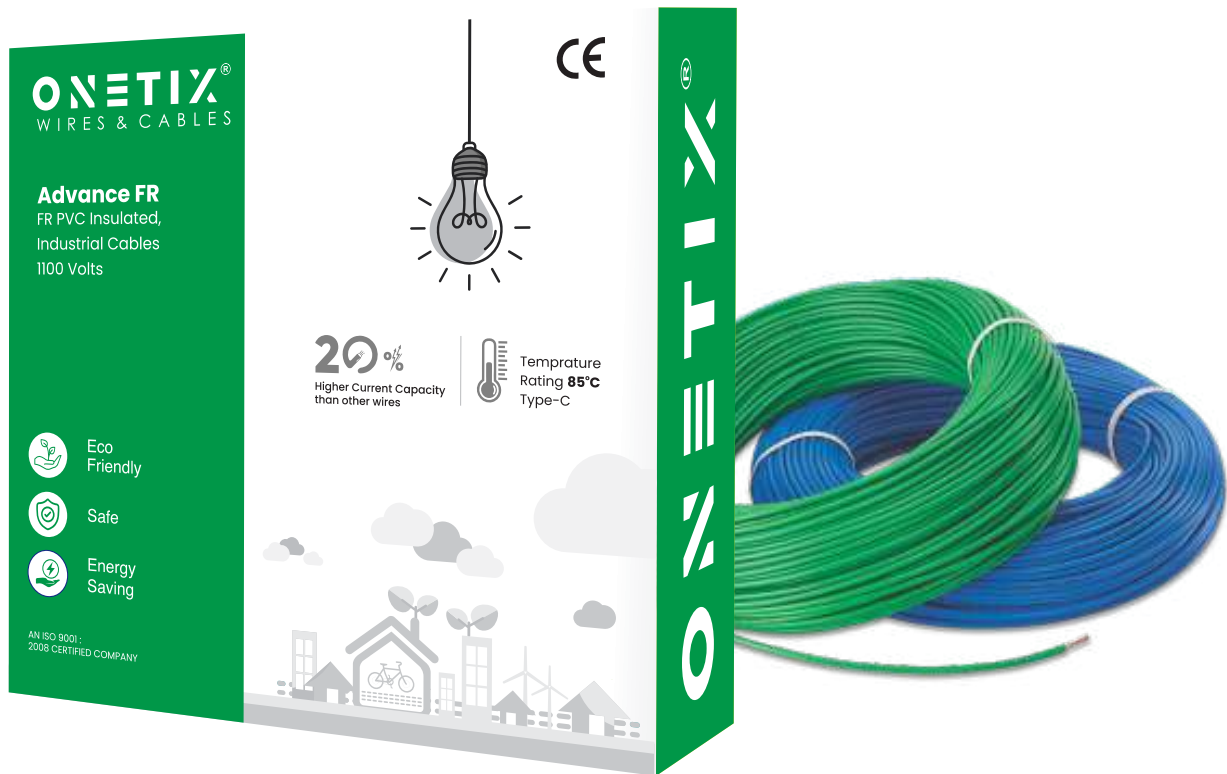| Parameters	Conventional Wire	Green Wire
Current rating	Meets the standard	Improved current rating
High voltage breakdown resistance	Meets the standard	Improved HV resistance & safe
Insulation resistance	Meets the standard	Improved IR & low leakage current
Water absorption	Meets the standard	Improved resistance & safe for longer use
Chemical resistance	Not mentioned in the standard	Improved chemical resistance
Flexing	Meets the standard	Improved flexing

ONETIX VENTURES GREEN WIRE

- A cabling innovation designed to keep homes safe and the planet healthy.
- There is a crying need now, more than ever before, for electric wires that ensure power efficiency, deliver greater protection and is planet-friendly too.
- ONETIX VENTUERS Green Wire is the answer to this search. Made from Lead Free and non-carcinogenic raw materials, it meets stringent European norms, is RoHS (Restriction of Hazardous Substances) & REACH compliant, and most importantly, emits fewer toxic gases in extreme fire situations.

Non-hazardous materials for superior protection

- In the event of fire, ordinary wires emit black, hazardous gases which hinders evacuation and causes suffocation. Research shows that maximum causalities happen due to choking caused by these hazardous gases. Therefore, Polycab Green Wire uses only lead free, non-hazardous raw materials that emit a faint white smoke with less amount of toxic gas during extreme fire situations. Thus, enabling quick evacuation and speeding up the fire-fighting process.

ONETIX®
WIRES & CABLES

Advance FR
FR PVC Insulated,
Industrial Cables
1100 Volts

Eco Friendly

Safe

Energy Saving

AN ISO 9001 :
2008 CERTIFIED COMPANY

CE

20 %
Higher Current Capacity
than other wires

Temprature Rating **85°C**
Type-C

ONETIX®

HR FR LSH LF - Heat Resistance Flame Retardant Low Smoke Halogen Lead Free

ONETIX VENTURE Single Core HR FR LSH LF unsheathed wire are made from specially formulated polymers that restrict the emission of any type of toxic gas making it safe for use in

Properties
- Flammability: IEC 60332 - 1
- Minimum Bending Radius: 8D
- Nominal Voltage (U0/U): 600/1100 V
- Max. Operating Temperature: 85°C
- Temperature Range: -15°C to + 85°C
- Flame Resistant: ASTM 2863

Product Features
- Flame Retardant
- Smooth Surface with Enhanced Lubrication Properties
- High Insulation Resistance
- High Abrasion Resistance
- RoHS Compliant

Colour Identification
●Red ●Yellow ●Blue ●Black ●Green
(Customized colours can also be provided)

Ever-evolving lineup of high-performance wires

Polycab considers every great product as an inspiration to develop another.

CE

20 %
Higher Current Capacity than other wires

Temprature Rating **85°C** Type–C

ONETIX
WIRES & CABLES

Advance FR
FR PVC Insulated,
Industrial Cables
1100 Volts

Eco Friendly

Safe

Energy Saving

AN ISO 9001 :
2008 CERTIFIED COMPANY

FR LSH - Flame Retardant Low Smoke low Halogen

ONETIX VENTURE Single Core FR-LSH unsheathed insulated wire is suitable for residential wiring, either through embedded conduit or on the surface of the wall. The wire has enhanced flame-resistant properties and low smoke generation which makes it ideal for use in all high-rise buildings, malls and hospitals.

Properties
- Acid Gas Generation: Max 20%
- Flammability: IEC 60332 - 1
- Minimum Bending Radius: 8D
- Smoke Density Rating: Max 60%
- Oxygen Index: >29%
- Nominal Voltage (U0/U): 600/1100 V
- Max. Operating Temperature: 70°C
- Temperature Range: -15°C to + 70°C

Product Features
- Flame Retardant
- Low Smoke
- Smooth Surface with Enhanced Lubrication Properties
- High Insulation Resistance
- High Abrasion Resistance
- RoHS Compliant

Colour Identification
🔴Red 🟡Yellow 🔵Blue ⚫Black 🟢Green
(Customized colours can also be provided)

FR LF - Flame Retardant Lead Free

ONETIX VENTURE Single Core FR-LF wire is ideal for wiring in closed confined spaces and applications that require high flexibility. Best suited for indoor and outdoor installation in industries, household appliances, power supply for refrigerators, air conditioners and building electrification.
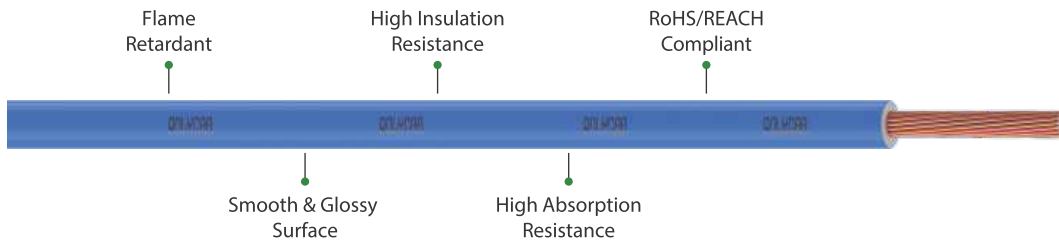
Properties
- Flame Resistant: ASTM D2863
- Flammability: IEC 60332 - 1:2004
- Minimum Bending Radius: 8D
- Nominal Voltage (U0/U): 600/1100 V
- Max. Operating Temperature: 70°C
- Temperature Range: -15°C to + 70°C

Product Features
- Flame Retardant
- Smooth Surface with Enhanced Lubrication Properties
- High Insulation Resistance
- High Abrasion Resistance
- RoHS Compliant

ONETIX

ONETIX
WIRES & CABLES

PVC Insulated Industrial
Wire & Cables

ADVANCED
Technology

ONETIX
WIRES & CABLES

Advance FR
FR PVC Insulated,
Industrial Cables
1100 Volts

CE

20%
Higher Current Capacity
than other wires

Temprature
Rating 85°C
Type-C

- Eco Friendly
- Safe
- Energy Saving

Flame Retardant	High Insulation Resistance	RoHS/REACH Compliant

Smooth & Glossy Surface	High Absorption Resistance

Authorised Channel Partner

ONETIX VENTURES
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CERTIFIED ISO 9001:2015 COMPANY
9001:2015

RoHS COMPLIANT
INI0673A

CE
INI0672A

📞 🟢 **+91 72093 75321**

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