



Shri Nandaavati Automation Pvt. Ltd.

Crafting Tomorrow's Environment Today.



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www.shrinandaavatiapl.com



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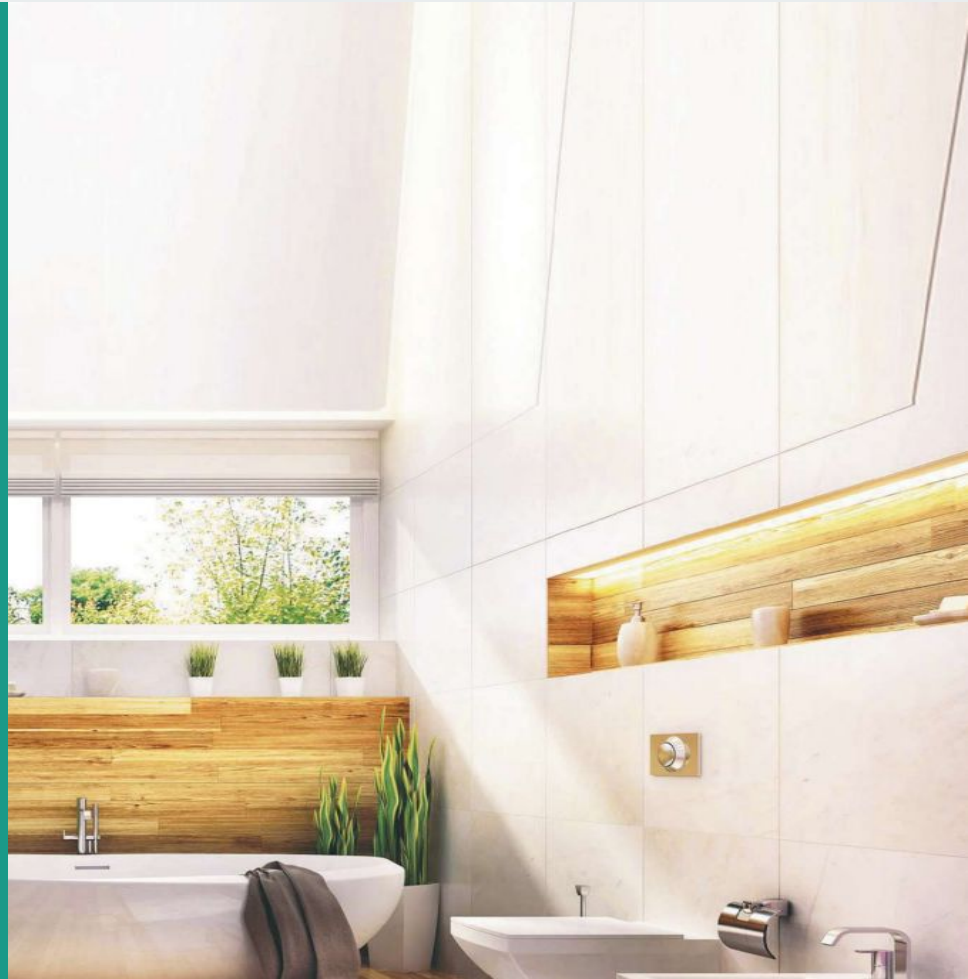
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Overview

SNAPL is a dynamic and innovative startup in the supply and distribution of high-quality engineering products designed to meet the diverse needs of industries ranging from construction and Industrial systems. Established with the vision of delivering cutting-edge solutions, we specialize in a wide range of products, including **Cables, Cable trays, Silicones, Sealants** and Other **Electrical items** that ensure optimal performance, safety, and reliability.

At SNAPL, we are committed to offering products that not only meet but exceed industry standards. With a strong focus on quality, performance, and customer satisfaction, we source our products from trusted manufacturers and ensure that every item we supply is built to last and capable of performing under the most demanding conditions.





Our portfolio of engineering products is designed to serve a broad spectrum of applications:

- **Cables:** Offering a variety of high-performance cables tailored for industrial, commercial, and residential use, including power, control, and communication cables.
- **Cable Trays:** Providing durable and flexible cable management systems to organize and protect cables in a wide range of installations.
- **Electrical Items:** Supplying essential electrical components that power systems safely and efficiently, from DB , MCB, RCB and Conduits and more.
- **Silicones & Sealants:** Offering high-quality spray paints, silicone and sealants for industrial and commercial applications, ensuring a long-lasting, secure seal in various environments.

Driven by a deep understanding of our customers' needs, SNAPL combines expertise with a customer-first approach to deliver practical and cost-effective solutions.

As we continue to grow and expand, we aim to be your trusted partner in engineering product solutions, bringing you reliable products and exceptional service with every order. Our commitment to quality and customer satisfaction makes us the go-to choice for all your engineering needs.



Problems to solve

1

Inefficient Cable Management and Protection

Problem: Many industries face challenges with disorganized and poorly quality cable tray, leading to maintenance issues, safety hazards, and costly downtime.

Solution: SNAPL provides high-quality cable trays and cable management systems that ensure efficient organization and protection of cables. By offering customized solutions, we help industries streamline their installations and reduce the risk of damage or safety issues.

2

Inconsistent Electrical Components and Equipment Quality

Problem: Electrical systems are critical in various applications, and poor-quality electrical components can lead to system failures, inefficiencies, and even safety risks like electrical fires.

Solution: SNAPL delivers reliable electrical components such as conduits, switches, circuit breakers, and DBs that meet high industry standards. By ensuring that each product is of the highest quality, we provide our customers with safe, durable, and dependable solutions that enhance the performance and safety of their electrical systems.


3

Poor Durability of Seals and Adhesives in Harsh Environments

Problem: Many industries, particularly in construction and manufacturing, require strong adhesives and sealants that can withstand harsh environmental conditions. Low-quality products often fail to maintain their integrity under extreme temperatures, moisture, or chemicals.

Solution: SNAPL offers premium silicones and sealants that provide long-lasting, robust seals in a variety of demanding conditions. These products ensure that critical systems, machinery, and infrastructure remain protected against leaks, corrosion, and other failures, even in extreme environments.

4

Limited Availability of Tailored Engineering Solutions

Problem: A common issue faced by many businesses is the lack of access to customized solutions that meet specific technical needs, resulting in inefficiencies, installation challenges, and higher costs.

Solution: By providing tailored solutions in cables, cable trays, and electrical components, SNAPL addresses this gap. Whether it is quality cables, specialized trays, or unique electrical configurations, we work closely with clients to provide personalized engineering solutions that fit their precise requirements, improving efficiency and reducing costs.



Company objective

The objective of SNAPL is to provide high-quality, reliable engineering products, including cables, cable trays, electrical items, silicones, and sealants, that meet the diverse needs of industries such as construction, telecommunications, and manufacturing. Through innovative solutions and a customer-first approach, we aim to streamline installations, enhance system efficiency, and ensure safety for our clients. Our goal is to deliver tailored products and exceptional service that address industry challenges, reduce downtime, and contribute to the long-term success of our customers.



Understanding the market



PRODUCT DETAILS

1. POLYCAB CABLES AND WIRES
2. CABLE TRAY, TRUNKING, RACEWAYS
3. BOSS MAKE SEALANTS AND SILICONS
4. SPRAY PAINTS FOR INDUSTRIAL PURPOSE
5. ELECTRICALS - CIRCUIT BREAKERS AND DBs



Safeguarding us and the environment

POLYCAB GREEN WIRE



Eco
Friendly



Safe



Energy
Saving



HR-FR-LSH-LF



Polycab: Making lives easier, safer and better.

Ever since its inception in 1964, Polycab 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 Polycab's flagship product - Wires and Cables.

Today, Polycab 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 Polycab bond with millions of satisfied customers every year.

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



Polycab: 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:



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

- Polycab 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 management 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		

Polycab 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.

Polycab 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.



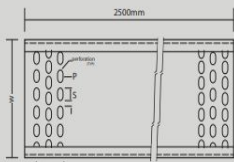
Non-hazardous materials for superior protection

In the event of fire, ordinary wires emit black, hazardous gases which hinders evacuation and causes suffocation. Research shows that maximum casualties 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.

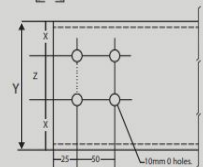


Perforated Type Cable Trays

Data Sheet



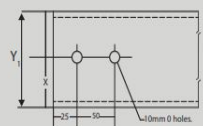
End View
Single Bended



Detail X
Section A-A

W from 50 mm to 1000 mm
H_i from 25 mm to 150 mm
S = 20 mm
P = 10 mm
D = 20 mm

Y = 100 mm, Z = 40, X = 30
Y_i = 50 mm, X = 20 mm
or as per customer specification



Width	From 50 mm to 1000 mm
Height	From 25 mm to 150 mm
Length	Standard length of tray is 2500 mm
Galvansing	As per IS:2629/ 4759/ 2633
Thickness	1.2 mm, 1.5 mm, 2 mm, 2.5 mm, 3 mm
Bending	From 10 mm to 25 mm

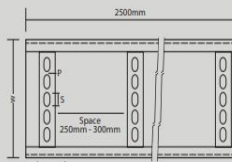
Material	Mild Steel / Pre Galvanised : As per IS : 1079 grade O/ 513 Stainless Steel : SS 304/ 316/ 316L Aluminium : Aluminium Alloy
M.S. Goods Finish By	Powder Coated & Hot DP Galvanised
Aluminium Goods Finish By	Anodised

The perforated type cable trays are made of HIR sheets and also pre galvanised sheets with various thickness and flange heights.

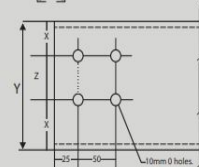


Ladder Type Cable Trays

Data Sheet



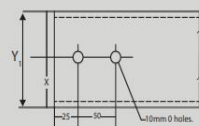
End View
Single Bended



Detail X
Section A-A

W from 50 mm to 1000 mm
H_i from 50 mm to 150 mm
S = 20 mm X 10 mm
P = 10 mm

Y = 100 mm, Z = 40, X = 30
Y_i = 50 mm, X = 20 mm
or as per customer specification



Width	From 50 mm to 1000 mm
Height	From 50 mm to 150 mm
Length	Standard length of tray is 2500 mm
Galvansing	As per IS:2629/ 4759/ 2633
Thickness	1.5 mm, 2 mm, 2.5 mm, 3 mm
Bending	From 10 mm to 15 mm

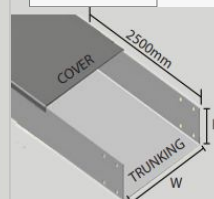
Material	Mild Steel / Pre Galvanised : As per IS : 1079 grade O/ 513 Stainless Steel : SS 304/ 316/ 316L Aluminium : Aluminium Alloy
M.S. Goods Finish By	Powder Coated & Hot DP Galvanised
Aluminium Goods Finish By	Anodised

The ladder type cable trays are made of HIR sheets and also pre galvanised sheets with various thickness and flange heights.

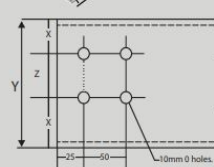


Trunking Type Cable Trays

Data Sheet

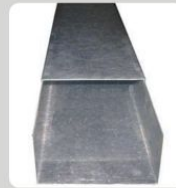
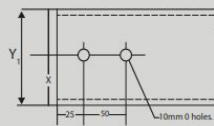


End View
Single Bended



Detail X
Section A-A

W from 50 mm to 1000 mm
H_i from 50 mm to 150 mm
Cover H = 12 mm
Cover W = 50 mm - 1000 mm
Y = 100 mm, Z = 40, X = 30
Y_i = 50 mm, X = 20 mm
or as per customer specification



Width	From 50 mm to 1000 mm
Height	From 50 mm to 150 mm
Length	Standard length of tray is 2500 mm
Galvansing	As per IS:2629/ 4759/ 2633
Thickness	1.5 mm, 2 mm, 2.5 mm, 3 mm
Bending	From 10 mm to 15 mm

Material	Mild Steel / Pre Galvanised : As per IS : 1079 grade O/ 513 Stainless Steel : SS 304/ 316/ 316L Aluminium : Aluminium Alloy
M.S. Goods Finish By	Powder Coated & Hot DP Galvanised
Aluminium Goods Finish By	Anodised

The trunking type cable trays are made of HIR sheets and also pre galvanised sheets with various thickness and flange heights.



GENERAL CATALOGUE

ABOUT US

Our adhesives and sealing solutions can be found in a growing range of finished products across a wide spectrum of industries; something that can be directly attributed to our consistent growth, in addition to the superiority of our product range, our commitment to quality, and project expertise.



Vision

To become the leading customized sealing and bonding solutions provider for our customers in the Manufacturing & Assembly, Building & Construction, and Retail space in India.

Goals

We aim to be the ultimate one-stop solution for all our customers' sealing and bonding needs. We strive to achieve this ambition through:

- Commitment to sustainability
- Customer-centric innovation
- Customizing global solutions according to customers' needs
- Delivering unmatched quality and cost-effectiveness
- People-centered operations



Research & Development

We aim to deliver ever-increasing value to our customers through our Technology Centres located both in India and across strategic markets globally. We strive to continually achieve this through:

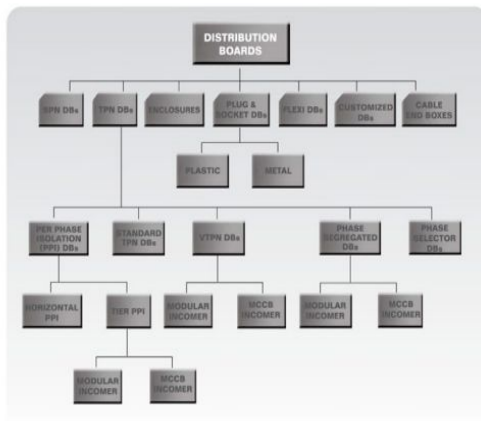
- Connecting our products and services to customer needs
- Constantly researching to exceed our clients' expectations
- Always offering best-in-class adhesion and sealing solutions
- Offering the most efficient solutions to our customers



The New Range of DISTRIBUTION BOARDS

Distribution Board Offering

Choice of a DB for a specific application can be made from a **wide range of DB portfolio**



• Available in Single Door - IP 30 ; Double Door - IP 43 and IP 54

• Available in IK DB , IK 09

• Metal and Glazed door options in Double Door DBs



**READY-TO-USE POWER
DISTRIBUTION SOLUTION**

ENERSYS-S
SUB-MAIN DISTRIBUTION BOARD

Enersys-S from L&T is design verified assembly that complies with IEC 61439-2 and certified by DEKRA. It is a design verified sub main distribution board for power distribution that is designed for easy handling and simple installation. It also offers safe, reliable and higher performance.

Customer Interaction Centre (CIC)

BSNL / MTNL (Toll free): 1800 233 5858 Reliance (Toll free): 1800 200 5858
Tel: +91 22 6774 5858 Fax: +91 22 6774 5859
E-mail: cic@Lntebg.com www.Lntebg.com

L&T SWITCHGEAR
SAFE & SOUND

**Your partner in
digital transformation**



iMMR - Intelligent Motor Management Relay

"Besides control, protection and diagnostics, iMMR provides accurate real time data for analytics and insights into the performance of plant and process"



Intelligent MCC's for enhanced plant efficiency and safety

T1 - Motor Control Center

- Modular MCC's designed as per IEC 61439-1 & 2
- Internal arc resistance design of 70kA-500msec.

Customer Interaction Center (CIC)

BSNL / MTNL (toll free): 1800 233 5858 Reliance (toll free): 1800 200 5858
Tel: 022 6774 5858 Email: cic@lntbng.com Web: www.lntbng.com

EXORA

L&T Modular Devices

L&T's range of modular devices offer MCB, RCCB, and Isolator for final distribution of electrical power. L&T's products are known for reliability, functionality and ease of use.



L&T modular devices spell world class

L&T products conform to relevant global standards viz. IEC, EN. They also have BIS and CE marking, as well as CB and KEMA certification.

IEC | CE | KEMA | EN

L&T EXORA

L&T offers its new range of Modular Devices – **EXORA** – to ensure a safe environment around you. Protection and Control devices offered in this range provide safety at your home and at your workplace. Salient features of this range – Quick Break Mechanism, True Contact Position Indicator, Energy Limitation Class 3 – enhance safety of human lives and precious belongings.

Further, Low Watt loss of these products reduces the amount of electricity consumed and results in low electricity expense. Features such as Dual Termination and Two Position DIN Clip provide flexibility and ease of operation.



Target audience

The Companies which require durable and reliable electrical systems, cable management solutions, and sealants for large-scale construction projects, commercial buildings, and infrastructure developments.

- 01 | Construction and Infrastructure companies
- 02 | Manufacturing and Industrial facilities
- 03 | Electrical and HVAC contractors
- 04 | Renewable Energy Companies (Solar, Wind, etc.)
- 05 | Telecommunications Providers



**Complete your panel
with our
panel accessories**

- 
Rotary Switches & Cable Ducts
- 
Timing Devices & Supply Monitors
- 
Modular Remote Control Units
- 
Digital Panel Meters



Thank you.

Looking forward for your Valuable connection

