

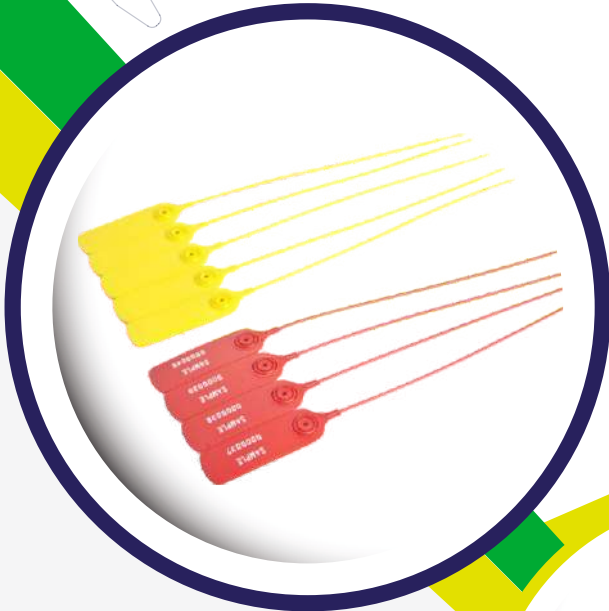
# Adnub Plastchem LLP

Manufacturers of Wire Management Products & Plastic Security Seals

UNDER THE BRAND NAMES

**PetroBulk**  
PLASTIC SECURITY SEALS

**RUHI**<sup>TM</sup>  
MADE IN INDIA  
CABLE TIES | TIE MOUNT



**CABLE TIES | PLASTIC SECURITY SEALS**  
**SPECIALIST IN MANUFACTURING OF**  
**ALL ENGINEERING PRODUCTS**



An ISO 9001:2015  
Certified Company



## Introduction

**Adnub Plastchem LLP**, was established in 2017, having a total land area of **60000 sq.ft. factory** in **Dadra & Nagar Haveli ( Silvassa)**. Our Head office is located at **Mumbai**.

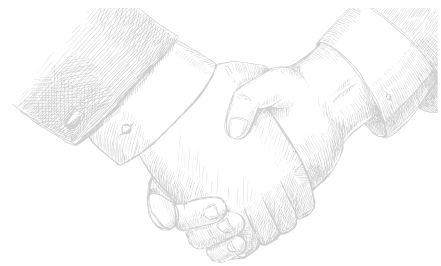
We at the Adnub Plastchem LLP are primarily engaged in providing Temper proof Security Seals solutions for various Industries used for various purposes. We have gradually adopted the market requirements and have mastered in manufacturing of Nylon Cable Ties & security seals, and today we are one of the leading manufacturer in India.

At **Adnub Plastchem LLP**, our prime focus is to give Top Quality Products to our valuable clients at competitive cost. This very feature has given us wide opportunity to supply quality products all over India & abroad.

We at **Adnub Plastchem LLP** also provide customized Plastic Products as per Customer's requirements



### Vision, Mission & Commitment



- Offer a large range of quality products.
- Strive for continuous improvement and innovation.
- Achieve satisfaction of each customer by giving the best of the products & services.
- Adnub Plastchem LLP acknowledges a responsibility to the environment and we express our commitment towards continuously implementing practices which will promote environmental sustainability.

**Our team of experienced executives holds extensive knowledge, expertise and understanding of the professional work processes to provide unparalleled customer assistance**



Members of All India Plastic Association



INDIAN PLASTIC INSTITUTE

Members of Indian Plastic Institution of India



Timely Delivery



100% Customer Satisfaction



Quality Control Mechanism



### Certificate of Registration



**ADNUB PLASTCHEM LLP**

Survey No. 357/2/2/1, Behind Dadra Garden, Village Dadra,  
Dadra & Nagar Haveli - 396 230, INDIA

This is to certify that the Quality Management System of above organisation has been assessed and registered by Pyramid Certifications LLP against the scope of supply and provision of

## ISO 9001:2015

**Scope : Manufacture and Supply of Security Seals, Cable Ties and Plastic Molded Components.**

Certificate No. : **FEA112521Q**  
Initial Certificate Date : **28.06.2021**  
Certificate Date : **28.06.2021**      1st Surveillance Date : **27.05.2022**  
Valid Until : **27.06.2024**                      2nd Surveillance Date : **27.05.2023**




**DIRECTOR**

This certificate is the property of Pyramid Certifications LLP and remains valid subject to satisfactory surveillance audits. For verification & updated information concerning the present certificate visit : [www.pyramidcertifications.com](http://www.pyramidcertifications.com)

**Pyramid Certifications LLP**  
401, Ghanshyam Enclave, Link Road, Kandivali (W), Mumbai - 400067, INDIA  
Email: [info@pyramidcertifications.com](mailto:info@pyramidcertifications.com)  
Website: [www.pyramidcertifications.com](http://www.pyramidcertifications.com)

## CE Compliance Certificate

### Certificate Compliance

**Geotek Global Certification Pvt. Ltd.**

**Applicant : Adnub Plastchem LLP**

Office Address : B12, 304, Dhan Vaibhav Building, Jambli Gully, Borivali (West), Mumbai 400067, Maharashtra, India

Works Address : Survey No. 357/2/2/1, Behind Dadra Garden, Village Dadra, Silvassa - 396230, DN&H, India

CE Mark Directive : LVD 2014/35/EU Low Voltage Directive  
ROHS 2011/65/EU Restriction on the use of certain Hazardous Substances

Certificate No. : 22GGCSIN 300371      Rev. No. : 00

Certification Date : 15<sup>th</sup> December 2022      Valid Till : 14<sup>th</sup> December 2025

Product Category : Cable Ties, Security Seals

Brand / Trade Name : **Adnub      Petrobulk      Ruhi**

Cable Tie Models :  
ADCT 100 X 1.8,      ADCT 100 X 2.0,      ADCT 100 X 2.5,  
ADCT 150 X 2.5,      ADCT 150 X 3.6,      ADCT 150 X 7.0,  
ADCT 200 X 2.5,      ADCT 200 X 3.6,      ADCT 200 X 3.8,  
ADCT 200 X 4.8,      ADCT 200 X 7.4,      ADCT 250 X 3.2,  
ADCT 250 X 3.6,      ADCT 250 X 3.8,      ADCT 300 X 3.2,  
ADCT 300 X 3.6,      ADCT 300 X 4.8,      ADCT 300 X 7.5,  
ADCT 350 X 4.8,      ADCT 400 X 4.8,      ADCT 450 X 4.8,  
ADCT 550 X 4.8

Security Seal Models :  
9" Slim Strap Seal      9 1/2" Lock wide Strap Seal  
11" Metal Strap Seal      11" Slim Strap Seal  
11 1/2" Lock wide Strap Seal      12" Metal Strap Seal  
13" Double Lock wide Strap Seal      15" Double Lock wide Strap Seal

RoHS Certificate Nos. : PNEE:1356004887 (12.12.2022)      PNEE:1356004888 (10.12.2022)


Test Standard s : IEC-62275-2016 Cable Management Systems - Cable Ties for Electrical Installations  
BS EN 62275:2015 Cable Ties for Electrical Installation  
IS 9000-1: Basic Environmental Testing Procedures for Electronic and Electrical Items, Part 1: General  
IS 9000-11: Basic Environmental Testing Procedures for Electronic and Electrical Items, Part 11: Salt Mist Test  
ISO 17712:2010 Freight Containers - Mechanical Seals

**Chief Executive Officer**  
Geotek Global Certification Pvt. Ltd.  
102, Raj Legacy, Near Bramhand Phase 50th GB Road, Thane (West), Pin-400607, Maharashtra, India




Geotek Global Certification Pvt. Ltd. is accredited by International Management Accreditation Board (Singapore) 51, Goldhill Plaza, #02/01/11, Singapore 308900

The CE mark as shown above can be used under the responsibility of the manufacturer after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives. Geotek Global Certification Pvt. Ltd. is non-notified body therefore this certificate falls under non-notified certification. The continual validity of the certificate is conditional to compliance with the terms and the conditions of Geotek Global Certification Pvt. Ltd. Validity of the certificate may be verified on following websites: [www.geotek.co.in](http://www.geotek.co.in) and accreditation body's website: [www.imab.com](http://www.imab.com)

Report No. : **PN-EE-1356004888**      DATE : **10/12/2022**

**ADNUB PLASTCHEM LLP**  
SURVEY NO. 357/2/2/1, BEHIND DADRA GARDEN, VILLAGE DADRA-396193  
IN  
CONTACT PERSON : MR. PRAKASH THAKARE

THE FOLLOWING SAMPLE(S) WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :

SAMPLE DESCRIPTION	12" METAL STRAP SEAL
OCW	DTH&S
COUNTRY OF ORIGIN	INDIA
DATE OF REGISTRATION	09/12/2022
TEST(S) REQUESTED	ROHS 10E
TESTING PERIOD	09/12/2022 - 07/12/2022

Test Description	Remarks
ROHS 10E	PASS

**CONCLUSION :** Based on the performed tests on selected part of submitted samples, the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polychlorinated biphenyls (PCBs), Polychlorinated diphenyl ethers (PCDEs) and Phthalates such as Bis(2-ethylhexyl) phthalate (DEHP), Bis(2-benzyl) phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) comply with the limits as set by Directive (EU) 2014/663 amending Annex II to Directive 2011/65/EU.

Par Pro SGS India Private Ltd

**SACHIN M. VIBHUTE**  
Sr. Executive  
Authorized Signatory  
Email your Test Report Related Enquiries at [feedback\\_india@sgs.com](mailto:feedback_india@sgs.com)

## UNDER APPROVAL FOR



**IATF 16949**



# FACTORY FACILITY





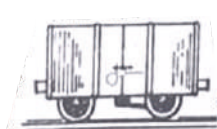


## Container Seals

High security bolt seal is the number one solution to seal Freight Containers, Truck doors, Trailers and Goods Wagons. Very popular in Shipping, Transport, Air Cargo and Retail Industries. Removal requires special bolt cutters. Permanent making of customer name and consecutive numbering or bar-code for fast, accurate data capture.

The List of Industries where Container Seals are used as necessary.

- **Chemical Industry**
- **Refineries**
- **Locomotives**
- **Logistics**
- **Courier Industry**
- **Packaging Industry**
- **Retail Stores**
- **Ships & Marines**



Railway Wagon



Cargo Containers



Airline Catering Trolley



Airport Security Checked Luggage



Courier Bags



MS Drum Rings

## See-Through & Snap Shut Seals

Stealing / pilfering electrical energy is rampant problem because once the meter is sealed they are seldom given a passing glance by persons concerned a classic case of "out of sight out of mind". Any attempt at tampering or re-sticking the seal can be easily noticed because of its transparent body and actual internal visual Inspection of the deals at all the times available.

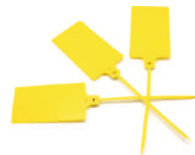
This is where the reliability of our seal is determined with its proven track record of assuring the user complete peace of mind. Both the see-through and snap shut seals are design registered and patented with patent office - Govt. of India.



Electric Meter



Jerry Cans



Cement / Chemical Fertilizer Bags



Bottles (Glass/Plastic)



Transport (Lorries)



## CABLE TIES (NYLON)

Cable Ties are the most extensively used fasteners in India and across the world, with numerous application, economical casting and guarantee of firm fastening over time, cable tie have now replaced most old fashioned binding instruments such as rubber bands, wires, adhesive tape and ropes.

The List of Industries where Cable Ties usage is rising.

- **Chemical Industry**
- **Refineries**
- **Pharmaceuticals**
- **Networking**
- **Retail Industry**
- **Windmill**
- **Packaging Industry**
- **Solar Industry**
- **Telecom Industry**
- **Electrical Industry**



\*Special Colors Available for Bulk Orders

PART. NO.	SIZE ( mm )	LENGTH ( mm )	WIDTH ( mm )	TENSILE STRENGTH		PACKET / BOX
				KGS.	LBS.	
RCT 100 x 1.8	100 x 1.8	100	1.8	8	18	650
RCT 100 x 2.0	100 x 2.0	100	2.0	8	18	650
RCT 100 x 2.5	100 x 2.5	100	2.5	8	18	600
RCT 150 x 2.5	150 x 2.5	150	2.5	8	18	300
RCT 150 x 3.6	150 x 3.6	150	3.6	18	40	250
RCT 200 x 2.5	200 x 2.5	200	2.5	8	18	250
RCT 200 x 3.6	200 x 3.6	200	3.6	18	40	200
RCT 200 x 4.8	200 x 4.8	200	4.8	22.7	50	150
RCT 200 x 7.6	200 x 7.6	200	7.6	54.4	120	60
RCT 250 x 3.6	250 x 3.6	250	3.6	18	40	200
RCT 250 x 4.8	250 x 4.8	250	4.8	22.7	50	150
RCT 300 x 3.6	300 x 3.6	300	3.6	18	40	140
RCT 300 x 4.8	300 x 4.8	300	4.8	22.7	50	120
RCT 300 x 7.6	300 x 7.6	300	7.6	54.4	120	50
RCT 350 x 3.6	350 x 3.6	350	3.6	18	40	140
RCT 350 x 4.8	350 x 4.8	350	4.8	22.7	50	100
RCT 368 x 4.8	368 x 4.8	368	4.8	22.7	50	100
RCT 370 x 7.6	370 x 4.8	370	4.8	54.4	120	50
RCT 400 x 4.8	400 x 4.8	400	4.8	22.7	50	90
RCT 450 x 4.8	450 x 4.8	450	4.8	22.7	50	80
RCT 450 x 7.6	450 x 7.6	450	7.6	54.4	120	50
RCT 500 x 4.8	500 x 4.8	500	4.8	22.7	50	60
RCT 530 x 7.6	530 x 7.6	530	7.6	54.4	120	40
RCT 600 x 7.6	600 x 7.6	600	7.6	54.4	120	30
RCT 600 x 9.0	600 x 9.0	600	9.0	80	175	30
RCT 760 x 9.0	760 x 9.0	760	9.0	80	175	25
RCT 920 x 9.0	920 x 9.0	920	9.0	80	175	15
RCT 1000 x 9.0	1000 x 9.0	1000	9.0	80	175	10

Colours - **Natural & Black** ( Other Colours make to Order )

Material **NYLON** • Operating Temp. : **-10° to +85°C**





## NYLON CABLE TIES

### Push Mount Cable Ties



Push Mount Cable Ties can securely attach cable bunches to a panel or chassis, without the need of any fixing tool. This can be done by simply pushing the head anchor through the chassis/ fixing point and then tying the cable bunches with the tie. The anchor fits securely into the hole of your chassis, providing a solid, rattle-free installation. The arrowhead mount provides low insertion and high extraction force. The design helps stabilise the tie in high vibration applications. This can be used on sheet metal, wood and cast iron. When fully inserted into the chassis, the wings on either side of the arrowhead provide support to the cable tie and the wiring bundle by absorbing shocks and vibrations on the wiring system.

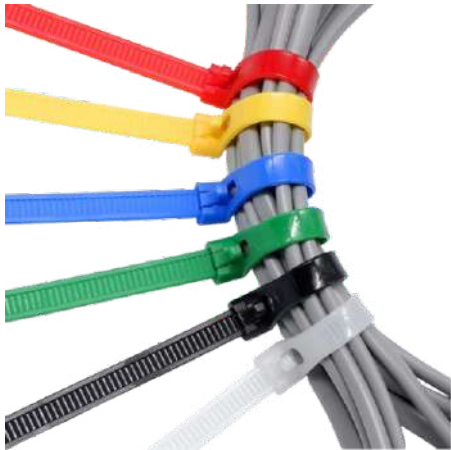
**Material :** UL Listed Nylon 6.6, Resistant to Fungus, Corrosion, and most mild acids.

**Flammability Rating :** UL94 V-2 | **Standard Colour:** Natural White & UV Resistant Black (B)

**Operating Temperature :** -25° C to +85° C | **Halogen Free :** Yes

**Tensile Strength:** High Tensile Strength provides a secure locking which will not slip, come off or slacken.

### Reusable Cable Ties



Reusable Cable Ties are high performance ties with superior tensile strength. They are manufactured from the toughest of materials, 100% pure and virgin Nylon 6.6 thus imparting a 50% greater tensile strength (measured at DAM values) than the industry standard. Our Cable Ties offer a superior construction that is lightweight yet offers unmatched durability throughout the life of the product. Reusable Cable Ties can be opened and used multiple times as per the user requirement. These are particularly beneficial where last minute changes are required/anticipated in the wiring or regular maintenance of wiring Bundles are required. **"Exclusive Design permits Fast, easy release & Reuse."**

**Material :** UL Listed Nylon 6.6, Resistant to Fungus, Corrosion, and most mild acids.

Can also be manufactured in HSB, HTR, FR materials or customer specific colours specific to MOQ

**Flammability Rating :** UL94 V-2 | **Halogen Free :** Yes | **Continuous Operating Temperature :** -25° C to +85° C

**Intermittent Temperature :** -25° C to +105° C (up to 500 hours).

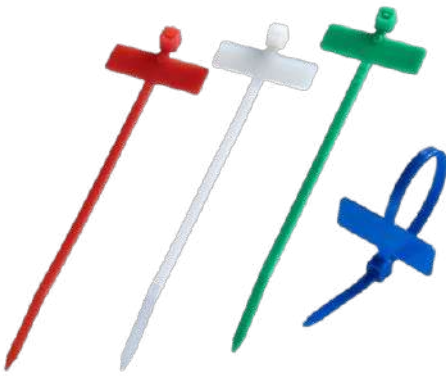
**Standard Colour :** Natural White & UV Resistant Black (B); Other colours available Orange (O), Red (R), Yellow (Y), Green (G), Sky Blue (SBL), Dark Blue (DBL) subject to a Minimum Order Quantity (MOQ).

**Tensile Strength:** High Tensile Strength provides a secure locking which will not slip, come off or slacken.





## Identification Cable Ties



Identification Cable Ties are high performance ties with superior tensile strength. They are manufactured from the toughest of materials, 100% pure and virgin Nylon 6.6 thus imparting a 50% greater tensile strength (measured at DAM values) than the industry standard. Our Cable Ties offer a superior construction that is lightweight yet offers unmatched durability throughout the life of the product. They can be used manually or in conjunction with our tensioning tools. We recommend the usage of tensioning tools to achieve optimum tightening and a neat finish to your installations.

Identification Ties have been designed with a blank plate area near the head of the cable ties where text and/or numbers can be inscribed with an indelible ink pen. This space is also customisable to include your company logo and/or a 7 digit serial number. These are ideal for tagging of cables or cable bunches during networking or when working with large volumes of bundles of cables.

**Material :** UL Listed Nylon 6.6, Resistant to Fungus, Corrosion and most mild acids.

**Flammability Rating :** UL94 V-2 | **Halogen Free :** Yes | **Continuous Operating Temperature :** -25° C to +85° C

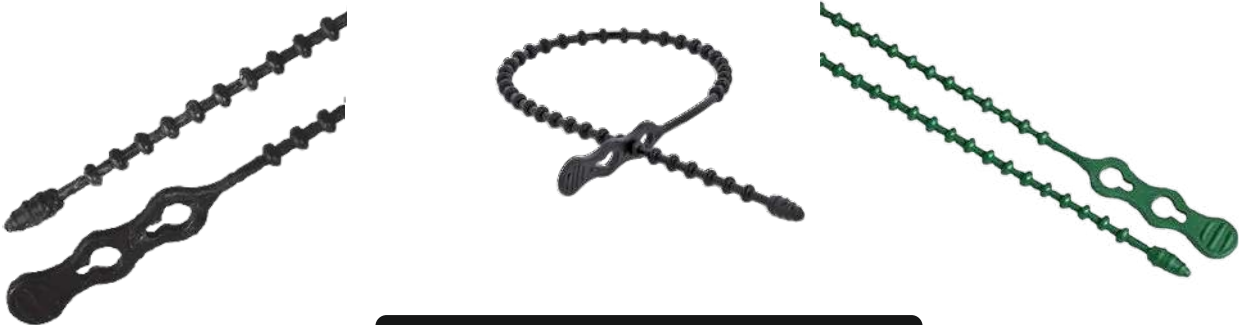
**Intermittent Temperature :** -25° C to +105° C (up to 500 hours).

**Standard Colour :** Natural White & UV Resistant Black (B); Other colours available Orange (O), Red (R), Yellow (Y), Green (G), Sky Blue (SBL), Dark Blue (DBL) subject to a Minimum Order Quantity (MOQ).

**Tensile Strength:** High Tensile Strength provides a secure locking which will not slip, come off or slacken.

## Beaded Cable Ties

A **Beaded Cable Tie** is a flexible, durable fastener made from woven materials, used for organizing and bundling cables. It's reusable, adjustable, and provides extra strength and protection for delicate wires, ideal for electronics & cable management.



## ALL OUR NYLON CABLE TIES

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Automobiles, Railways, Aviation, Couriers & Logistics, Ship Building, Pharmaceutical & Drugs, Chemicals & Dyes, Power Plants, Telecom, Consumer Durables, Retail Stores, Computers & Networking, Food Processing, Electric Metering, Electronics, Control Panels, New Project Installations, Domestic Use and many more.





## STAINLESS STEEL CABLE TIES

### BALL LOCK S.S. CABLE TIES COATED / UNCOATED



**(SS - 304/316)**



**(SS - 304/316)**



Length Sizes From 100mm Length to 1200 mm  
Width 4.6mm to 7.9 mm  
COATED AND UNCOATED Customized Size on Bulk Orders

**ROHS Certified - Material STAINLESS STEEL**

*The ties are designed for use in application where strength, vibration, weathering, corrosion extremes are a factor.*

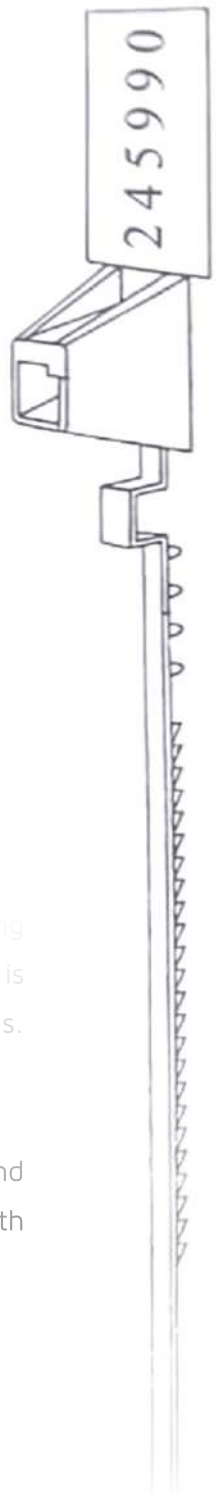
- **Automotive**
- **Telecommunications**
- **Traffic Signals**
- **Arial Support**
- **Telephone Cables**
- **Electric Cables**
- **Ship Building**
- **Offshore & among others**

SIZE (mm)	SIZE (mm)	SIZE (mm)	SIZE (mm)
100 x 4.6	410 x 4.6	100 x 7.9	410 x 7.9
150 x 4.6	450 x 4.6	150 x 7.9	450 x 7.9
200 x 4.6	520 x 4.6	200 x 7.9	520 x 7.9
250 x 4.6	620 x 4.6	250 x 7.9	620 x 7.9
300 x 4.6	680 x 4.6	300 x 7.9	680 x 7.9
360 x 4.6	840 x 4.6	360 x 7.9	840 x 7.9
400 x 4.6	1000 x 4.6	400 x 7.9	1000 x 7.9



## Petro Bulk Locktainer Strap Seal

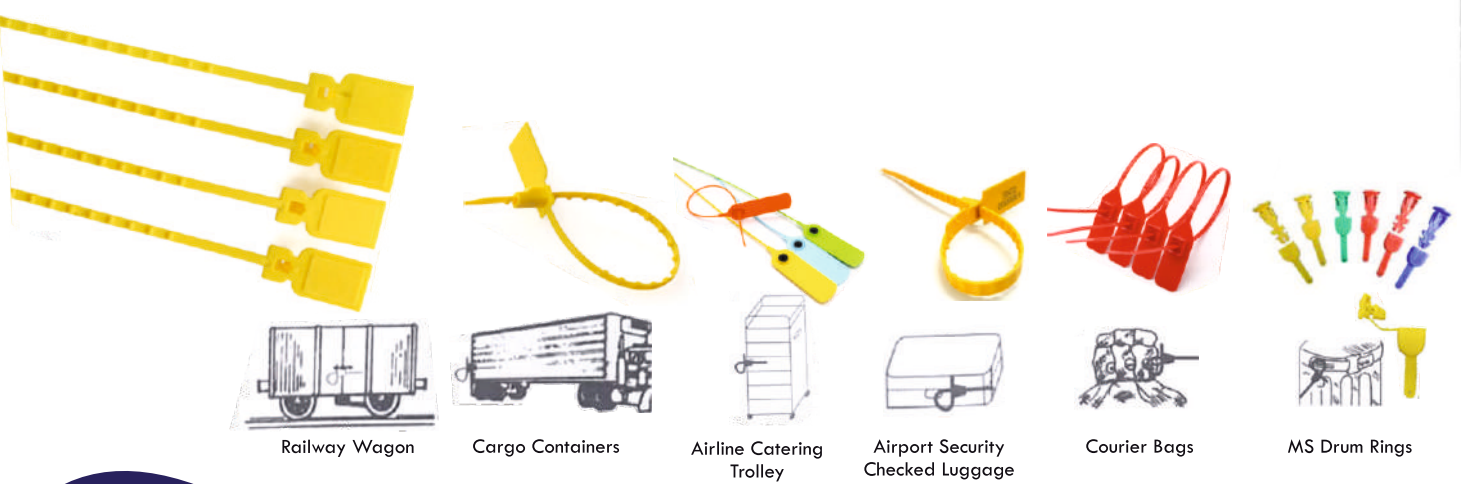
- 01 13" Double Lock wide Strap Seal
- 02 15" Double Lock wide Strap Seal
- 03 9" Slim Strap Seal
- 04 11" Slim Strap Seal
- 05 9.5" Lock wide Strap Seal
- 06 11.5" Lock wide Strap Seal



In our ongoing effort to manufacture better and more use-friendly seal, Petrobull proud to introduce the strap seal. This seal eliminates the use of wire or pilers locking. Hence making it extremely user friendly, Its application is limited to user's imagination.

This seal is predominantly used by the airline industry for sealing catering trolleys, catering trucks, checked baggage, first aid kit etc. The Design of the seal disfigures if any attempt is made to forcibly open the seal & the same can not be camouflaged by devious means. Therefore pilferage/tempering becomes very easily evident.

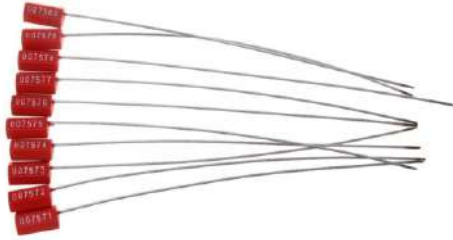
The seal can be manufactured in various colors with the respective company monogram and six-digit non-repeat numbers in serial order. The above seal is designed registered with patent office, Govt. of India.





## Meter Seals / Rope Seals

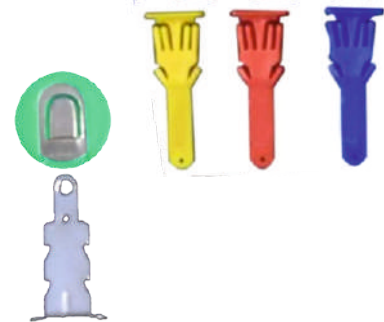
Meter seals are a tamper-evident security seals, providing a visual indicator to determine tampering or removal. They are commonly applied to electric and water meters, gas meters, drums and valves.



Rope seals are commonly used for tagging machinery, vehicles and high-value assets or storage containers. They're a secure alternative to locks in secure closures that are not frequently opened when the user does not want to monitor access to keys.

## Drum Seals / Anchor Seals

Bulk drums of both liquid and dry products are commonly sealed to detect unauthorized opening. Drums of consumable liquids like juices and spirits, plus both dry and liquid food products and additives are secured to assure purity, by detecting tampering or opening.



## Flap Seals

**13 inch | 14.5 inch**

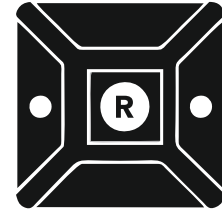
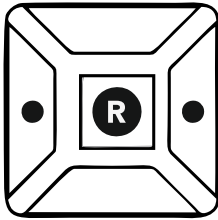
Flap seal is a strap seal with a big flap with metal insert that provides a secure seal in a variety of dynamic applications requiring water and weather resistance.

Flap seals are used in logistics, agriculture, & many more





**TIE MOUNT**



**WE MAKE IT "STICK"**

Now Available with **3M** Base

RCTM 19 (19mm x 19mm)

RCTM 25 (25mm x 25mm)

Material : HD

**RAWL PLUG**



OPEN TYPE | HEAD TYPE

Available Sizes : 25 x 8 & 30 x 10

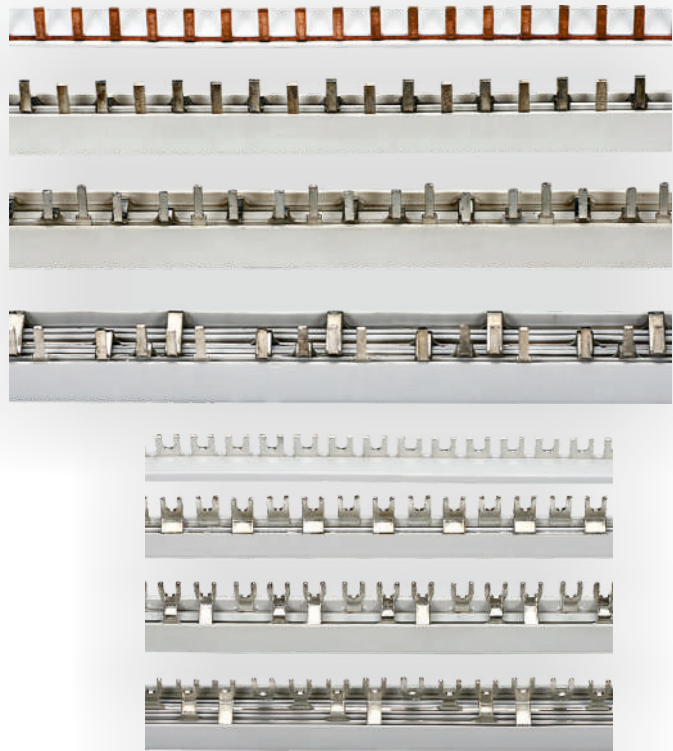
Material : HD Polymer | Color : Grey & White | Pull Load Tested







## INSULATED COMB BUS BAR



Rating : **63 Amps.** ( 100 Amps. available on request )

Material : Conductor Cu. Insulation - PVC (ROHS)

Colour : LIGHT GREY

Sizes : Single Pole, 2 Pole, 3 Pole, 4 Pole. PIN TYPE, FORK TYPE.





## WIRE HARNESS CLIPS & CLAMPS



### Adjustable Clips

Adjustable Clips are designed for fixing cables, tubes, and components in domestic/industrial appliances, instruments, electronic and electrical appliances and machines. They are non-corrosive and ideal for both interior & exterior installation works. They are rust proof, weather proof, and rot proof. Simply route the cables or tubes through the base of the clip and loop the head onto the corresponding hole. Screw into the instrument for a secure fix.

**Material :** Nylon 6 Resistant to Fungus, Corrosion, and most mild acids.

**Flammability Rating :** UL94 V-2 | **Operating Temperature :** -25° C to +85° C

**Standard Colour :** Black & Natural White.

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Automobiles, Railways, Aviation, Ship Building, Power Plants, Telecom, Consumer Durables, Electric Metering, Electronics, Control Panels, and many more.



### Cable Harness Clip – Plain

Cable Harness Clip – Plain is designed to be taped onto a cable harness and pushed into a chassis/panel hole.

**Material :**

Nylon 6 (Polyamide). Resistant to Fungus, Corrosion, and most mild acids

**Flammability Rating :** UL94 V-2 | **Operating Temperature :** -25° C to +85° C

**Standard Colour :** Black

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Automobiles, Railways, Aviation, Couriers & Logistics, Power Plants, Telecom, Consumer Durables, Retail Stores, Electronics, Electric Metering, Control Panels, New Project Installations and many more.



An ISO 9001:2015  
Certified Company



सूक्ष्म, लघु एवं मध्यम उद्यम  
MICRO, SMALL & MEDIUM ENTERPRISES



# WIRE HARNESS CLIPS & CLAMPS



## Cable Harness Clip – Plain

Cable Harness Screw Clip is a wire harnessing clip.

**Material :**

Nylon 6 (Polyamide). Resistant to Fungus, Corrosion, and most mild acids

**Flammability Rating :** UL94 V-2 | **Operating Temperature :** -25° C to +85° C

**Standard Colour :** Natural White

**Tensile Strength :** High Tensile Strength provides a secure locking which will not slip, come off or slacken. Ties must be cut to be removed.

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Automobiles, Railways, Aviation, Couriers & Logistics, Power Plants, Telecom, Consumer Durables, Retail Stores, Electric Metering, Electronics, Control Panels, New Project Installations and many more.



## Dome Push Mount Clip

Dome Push Mount Clips used in conjunction with Cable Ties can securely fix cable bunches to a panel or chassis, without the need for any fixing tool. The clip is mounted by pushing the anchor head securely through the hole thereby providing a solid, rattle-free installation. The locking system is designed to provide strong retention forces between the clip and the chassis. When fully inserted, the disc at the bottom of the clip seals the hole completely and provides additional protection from outer elements such as dust, water, acids, oils thereby increasing the life of the wiring system exponentially.

**Material:** UL Listed Nylon 6.6. Resistant to Fungus, Corrosion, and most mild acids. Can also be manufactured in HSB, HTR, FR materials or customer specific colours specific to MOQ.

**Flammability Rating :** UL94 V2 **Standard Colour :** UV Resistant Black (B).

**Operating Temperature:** -20° C to +85° C **Halogen Free:** Yes.

Also available with Heat Stabilised Nylon 6.6 which can with stand temperature of 115°C on continuous basis.

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Wiring Harness, Automotive, 2 Wheelers, Aviation, Commercial Vehicles, Control Panels and Heavy Equipment manufacturing industries.





# WIRE HARNESS CLIPS & CLAMPS



## Fixed P-Clips

P-Clips are designed for fixing cables, tubes, and components in domestic/industrial appliances, instruments, electronic and electrical appliances and machines. They are non-corrosive and ideal for both interior & exterior installation works. They are rust proof, weather proof and rot proof.

**Material :** Nylon 6 Resistant to Fungus, Corrosion, and most mild acids.

**Flammability Rating :** UL94 V-2 | **Operating Temperature :** -25° C to +85° C

**Standard Colour :** Black & Natural White | **Halogen Free :** Yes

**Tensile Strength :** High Tensile Strength provides a secure grip on the cables & prevents damage from external forces.

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Automobiles, Railways, Aviation, Power Plants, Telecom, Consumer Durables, Retail Stores, Electric Metering, Electronics, Control Panels, New Project Installations, Domestic Use and many more.



## Panel Edge Clip

Panel Edge Clips are ideal for fitment , Non-Returnable Cable ties on edges of panels or chassis. The high strength design of the metal clips firmly grip the panels without damaging them and are vibration tested to prevent loosening of the clips. While the clips will not come out easily from the panels, the clips are able to move along the length of the panels facilitating quick and easy adjustments in moving machinery. The metal clips are coated with Zinc Geomat 720 which is chromium and VOC free. Salt Spray tests are also conducted on the clips to ensure the longevity of the clips. No separate tools are required for installation.

**Material :** UL Listed Nylon 6.6. Resistant to Fungus, Corrosion, and most mild acids.

Metal Clip is made from Spring Steel which is duly hardened and plated. Housing body can also be manufactured in HSB, HTR, FR materials or customer specific colours specific to MOQ.

**Flammability Rating :** UL94 V2 | **Standard Colour :** UV Resistant Black (B)

**Operating Temperature :** -20° C to +85° C | **Halogen Free :** Yes

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Wiring Harness, Automotive, 2 Wheelers, Aviation, Commercial Vehicles, Ship Building, Control Panels and Heavy Equipment manufacturing industries.



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# Wire Management



## Carrier Strips

Carrier Strips with oval grip cable markers, provide a simple, fast and convenient means of identifying cable bundles, large diameter cables, conduits, pipes and tubes using Cab- Lok cables ties.

**Material :** Nylon 6 (Polyamide)

**Operating Temperature :** -25° C to +85° C | **Standard Colour :** Natural White



## Write on Cable Tags

Write on Cable Tags can be fixed around cables, cable harness, pipes or tubes with Cab-lok cable ties. To use write on labels with indelible marker pen.

**Material :** Nylon 6 (Polyamide)

**Flammability Rating :** UL94 V-2  
Resistant to Fungus, Corrosion, and most mild acids.

**Operating Temperature :** -25° C to +85° C

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Automobiles, Railways, Aviation, Couriers & Logistics, Ship Building, Pharmaceutical & Drugs, Chemicals & Dyes, Power Plants, Telecom, Consumer Durables, Retail Stores, Computers & Networking, Food Processing, Electric Metering, Electronics, Control Panels, New Project Installations, Domestic Use and many more.





## Wire Management



### Expand Plugs

Expand Plugs are used primarily for fastening of screws in concrete, earthen bricks, dry wall, hollow bricks, wooden structures or natural stone plates. It is a quick & secure tool for fixing screws firmly without worrying about it loosening over time. To use, drill a hole in the surface, drive in the Expand Plug and drive in the screw in a clockwise direction. The plug will expand into the surface due to the screw and provide a secure and firm grip. The additional fins prevent the expand plugs from being pulled out or loosening over time.

**Material :** Nylon 6. Resistant to Fungus, Corrosion, and most mild acids.

**Flammability Rating :** UL94 V-2 | **Operating Temperature :** -25° C to +85° C

**Standard Colour :** Natural White | **Halogen Free :** Yes

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** New Project Installations, Domestic Use and many more.



### Mounting Buttons

Mounting Buttons are designed to hold securely two or more panels with the advantage and ease of application by thumb pressure. It is resistant to corrosion or attack by most chemicals and is used in many industries for plugging holes in single panels, fixing identification plates, securing access panels, trim panels and for fastening insulation materials

**Material :** Nylon 6 (Polyamide)

**Flammability Rating :** UL94 V-2, Resistant to Fungus, Corrosion & most mild acids.

**Standard Colour :** Natural White and Black | **Operating Temperature :** -20° C to +85° C

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Automobiles, Railways, Aviation, Couriers & Logistics, Ship Building, Pharmaceutical & Drugs, Chemicals & Dyes, Power Plants, Telecom, Consumer Durables, Retail Stores, Computers & Networking, Food Processing, Electric Metering, Electronics, Control Panels, New Project Installations, Domestic Use & many more





## Wire Management



### Push Fastener

Push Fastener is useful for securing light assemblies to the panel. The blotted leg design allows for both compression through the mounting hole and then expansion back to original shape- to lock assembled components securely. They may be disassembled and then reused. They snap into mounting holes with finger tip pressure- no tools required. They are vibration, abrasion and corrosion resistant.

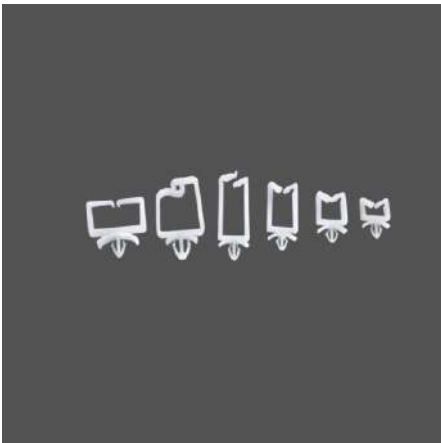
**Material :** Polycarbonate

**Flammability Rating :** UL94 V-2, Resistant to Fungus, Corrosion & most mild acids.

**Standard Colour :** Natural White and Black | **Operating Temperature :** -20° C to +85° C

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Telecoms equipment, switchgear and control cabinets.



### Push Mount Wire Holders

Push Mount Wire Holders are a novel means to channel, route, fix, anchor or harness a single or group of bundle of wires for a wide range of usage in electronic, electrical, communication and automobile industry. It can be easily snapped into drilled or punched holes of 4.8 mm diameter in a PCB or metal chassis of thickness from 0.5 mm to 2.3 mm, where it locks firmly and permanently in place.

**Material :** Nylon 6 (Polyamide)

**Flammability Rating :** UL94 V-Resistant to Fungus, Corrosion, and most mild acids.

**Operating Temperature :** -25° C to +85° C

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Telecoms equipment, switchgear and control cabinets.





# Wire Management



## Push Rivet

Push Rivet is designed to hold together two or more panels securely, attractively and economically. They are suitable for fastening most materials including metal, wood, hardboard, rubber, glass, plastic etc. Due to special design wings they have excellent mechanical properties

**Material :** Nylon 6 (Polyamide)

**Flammability Rating :** UL94 V-2,  
Resistant to Fungus, Corrosion, and most mild acids.

**Operating Temperature :** -25° C to +85° C | **Standard Colour :** Black | **Halogen Free :** Yes

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Automobiles, Railways, Aviation, Couriers & Logistics, Ship Building, Pharmaceutical & Drugs, Chemicals & Dyes, Power Plants, Telecom, Consumer Durables, Retail Stores, Computers & Networking, Food Processing, Electric Metering, Electronics, Control Panels, New Project Installations, Domestic Use and many more.



## Mounting Buttons

Snap Rivet is a two piece all plastic blind rivet that securely joins two or more materials of varying thickness. It is suitable for fastening most materials including metal, wood, hardboard, rubber, glass and specialty plastic. It provides positive locking and is vibration resistant.

**Material :** Nylon 6 (Polyamide)

**Flammability Rating :** UL94 V-2,  
Resistant to Fungus, Corrosion & most mild acids.

**Standard Colour :** Black | **Operating Temperature :** -20° C to +85° C

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Automobiles, Railways, Aviation, Couriers & Logistics, Ship Building, Pharmaceutical & Drugs, Chemicals & Dyes, Power Plants, Telecom, Consumer Durables, Retail Stores, Computers & Networking, Food Processing, Electric Metering, Electronics, Control Panels, New Project Installations, Domestic Use and many more



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# Wire Connector



## Mid-Way Wire Connector

Mid-Way Wire Connector is used for quick connection of two wires without stripping the wires. To use insert wires on the grooves of the connector, clamp down the plastic body and get the two wires connected.

**Flammability Rating :** UL94 V-2,  
Resistant to Fungus, Corrosion, and most mild acids.

**Operating Temperature :** -25° C to +85° C

**Standard Colour :** Natural White

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Automobiles, Railways, Aviation, Couriers & Logistics, Ship Building, Pharmaceutical & Drugs, Chemicals & Dyes, Power Plants, Telecom, Consumer Durables, Retail Stores, Computers & Networking, Food Processing, Electric Metering, Electronics, Control Panels, New Project Installations, Domestic Use & many more.



## Turn on Wire Connector

Turn on Wire Connector makes it quick, easy and secure to connect wires together. To use turn power off before installing or removing terminal and strip wire insulation 1/2". Firmly grasp wires, making sure insulation ends are even and tightly bundled (wires may be twisted or untwisted). Slip the connector over wire tips. Turn connector onto wires in clockwise direction until secure. To remove, turn connector counter clockwise.

**Material :** Tough Thermoplastic shell with zinc plated wire spring.  
Resistant to Fungus, Corrosion, and most mild acids.

**Flammability Rating :** UL94 V-2 | **Standard Colour :** Natural White

**Operating Temperature :** -25° C to +85° C

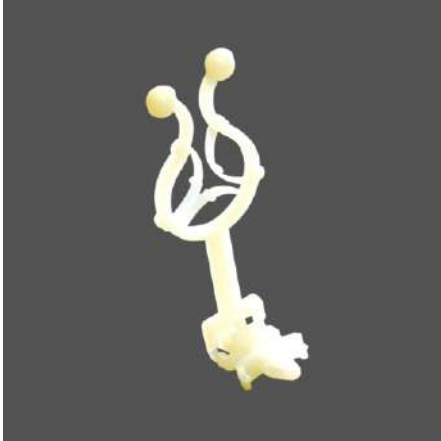
**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Automobiles, Railways, Aviation, Couriers & Logistics, Ship Building, Pharmaceutical & Drugs, Chemicals & Dyes, Power Plants, Telecom, Consumer Durables, Retail Stores, Computers & Networking, Food Processing, Electric Metering, Electronics, Control Panels, New Project Installations, Domestic Use and many more.





## Twist Clips



### Hinged Stand Off Twist Clips

Hinged Stand Off is designed to lift wires off board to avoid hot Components and minimize transient interference. Cable & wire bundles can be secured simply by a fingertip twist. Its arrowhead design snap locks into a 4.8 mm diameter hole. Hinged design eases installation in otherwise hard to reach places.

**Material :** Nylon 6 (Polyamide) | **Flammability Rating :** UL94 V-2

**Operating Temperature :** -25° C to +85° C

**Standard Colour :** Black & Natural White

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Automobiles, Railways, Aviation, Couriers & Logistics, Ship Building, Pharmaceutical & Drugs, Chemicals & Dyes, Power Plants, Telecom, Consumer Durables, Retail Stores, Computers & Networking, Electronics, Food Processing, Electric Metering, Control Panels, New Project Installations, Domestic Use & many more.



### Hinged Twist Clips

Hinged Twist Clips is designed for routing wires to any direction. Simply twist to open and close for wiring change and repairs. These twist clips come with an anchoring provision to neatly fix the running wires to a chassis with a screw.

**Material :** Nylon 6 (Polyamide)

**Flammability Rating :** UL94 V-2,  
Resistant to Fungus, Corrosion, and most mild acids.

**Standard Colour :** Natural White | **Operating Temperature :** -20° C to +85° C

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Automobiles, Railways, Aviation, Couriers & Logistics, Ship Building, Pharmaceutical & Drugs, Chemicals & Dyes, Power Plants, Telecom, Consumer Durables, Retail Stores, Computers & Networking, Food Processing, Electric Metering, Electronics, Control Panels, New Project Installations, Domestic Use and many more.



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## Twist Clips



### Purse Lok Twist Clips

Purse Lok Twist Clips provide a new convenience in initial assembly of wires, plus versatility for easy inspection, removal, repair or changing of wires. Wire bundles are secured in moments with a fingertip twist. These clips cut costs by speeding assembly. It is suitable for parallel wiring management.

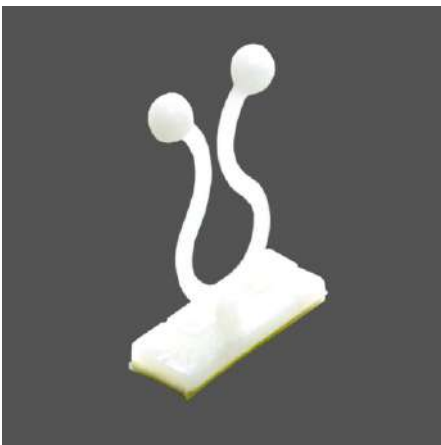
**Material :** Nylon 6 (Polyamide)

**Flammability Rating :** UL94 V-2,  
Resistant to Fungus, Corrosion, and most mild acids.

**Operating Temperature :** -25° C to +85° C | **Standard Colour :** Natural White

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Automobiles, Railways, Aviation, Couriers & Logistics, Ship Building, Pharmaceutical & Drugs, Chemicals & Dyes, Power Plants, Telecom, Consumer Durables, Retail Stores, Computers & Networking, Food Processing, Electric Metering, Electronics, Control Panels, New Project Installations, Domestic Use & many more.



### Self Adhesive Twist Clip

Self Adhesive Twist Clip is designed to lift wires and keep them away from hot components on the board. The adhesive backed clip is installed quickly and wires can easily be routed or rerouted.

**Material :** Nylon 6 (Polyamide)

**Flammability Rating :** UL94 V-2  
Resistant to Fungus, Corrosion, and most mild acids.

**Operating Temperature :** -25° C to +85° C | **Standard Colour :** Natural White

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Automobiles, Railways, Aviation, Couriers & Logistics, Ship Building, Pharmaceutical & Drugs, Chemicals & Dyes, Power Plants, Telecom, Consumer Durables, Retail Stores, Computers & Networking, Food Processing, Electric Metering, Electronics, Control Panels, New Project Installations, Domestic Use and many more.





## Twist Clips



### Stand Off Twist Clips

Stand Off Twist Clips are designed to lift wires off board to avoid hot components and minimize transient interference. Cable & wire bundles can be secured simply by a fingertip twist. The main feature of these clips is that they can be installed easily & quickly by just pushing into a predrilled hole in PCB frame, chassis, sidewall electronic / electrical equipment in moments.

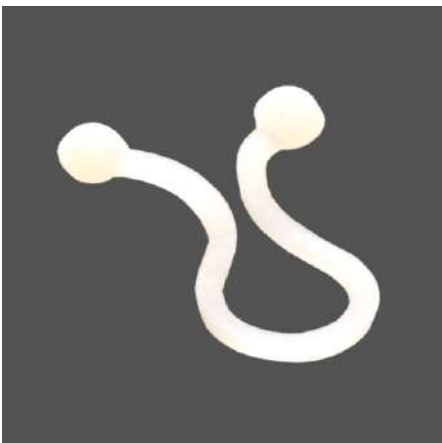
**Material :** Nylon 6 (Polyamide)

**Flammability Rating :** UL94 V-2  
Resistant to Fungus, Corrosion, and most mild acids.

**Operating Temperature :** -25° C to +85° C | **Standard Colour :** Black & Natural White

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Automobiles, Railways, Aviation, Couriers & Logistics, Ship Building, Pharmaceutical & Drugs, Chemicals & Dyes, Power Plants, Telecom, Consumer Durables, Retail Stores, Computers & Networking, Electronics, Food Processing, Electric Metering, Control Panels, New Project Installations, Domestic Use & many more.



### Twist Clips

Twist Clips provide a new convenience in initial assembly of wires, plus versatility for easy inspection, removal, repair or changing of wires. Wire bundles are secured in moments with a fingertip twist. These clips cut costs by speeding assembly.

**Material :** Nylon 6 (Polyamide)

**Flammability Rating :** UL94 V-2,  
Resistant to Fungus, Corrosion, and most mild acids.

**Standard Colour :** Natural White | **Operating Temperature :** -20° C to +85° C

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Automobiles, Railways, Aviation, Couriers & Logistics, Ship Building, Pharmaceutical & Drugs, Chemicals & Dyes, Power Plants, Telecom, Consumer Durables, Retail Stores, Computers & Networking, Electronics, Food Processing, Electric Metering, Control Panels, New Project Installations, Domestic Use & many more.







## CABLE PROTECTION



### Flexiguard Closed Grommet Rings

Flexiguard Closed Grommet Rings are designed to simply snap into holes and protect wires, cable cords and conduits against damage from sharp edges. These flexible rings, made from special purpose PVC also insulate the holes in sheet metals and offer superior resistance against fluids, mineral oils, aromatic fuels, vegetable oils, etc. The closed grommet rings are designed with a sheath that can be cut as per the required diameter thereby providing a tight glove like fit against the cables.

**Material :** Special Purpose Soft PVC. Resistant to Fungus, Corrosion, and most mild acids

**Flammability Rating :** UL94 V-2 | **Standard Colour:** UV Resistant Black. | **Operating Temperature :** -20° C to +70° C

**Applications :** Telecom equipment, Control Panels, Cabinets.



### Flexiguard Opened Grommet Rings

Flexiguard Open Grommet Rings are designed to simply snap into holes and protect wires, cable cords and conduits against damage from sharp edges. These flexible rings, made from special purpose PVC also insulate the holes in sheet metals and offer superior resistance against fluids, mineral oils, aromatic fuels, vegetable oils, etc.

**Material :** Special Purpose Soft PVC. Resistant to Fungus, Corrosion, and most mild acids

**Flammability Rating :** UL94 V-2 | **Standard Colour:** UV Resistant Black. | **Operating Temperature :** -20° C to +70° C

**Applications :** Telecom equipment, Control Panels, Cabinets.





## CABLE PROTECTION



### Spirowrap Harness Band

Spirowrap Harness Bands offer an economical and easy method for protection of wires, cables, wiring harnesses and tubing's from abrasion. They ensure a neat, quick & economical cable bundling while also protecting the system from dust and moisture. The spiral cut design allows cables to be drawn out at fixed intervals as may be required. It is used mainly to create wiring harnesses for electrical, electronic, telecommunication, and automobiles.

**Material :** LDPE. Resistant to Fungus, Corrosion, and most mild acids. | **Flammability Rating :** UL94 V2

**Standard Colour :** Natural White. | **Operating Temperature :** -20° C to +85° C. | **Halogen Free :** Yes.

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Project Installations, Electronics, Control Panels, Automobile, Railways, Aviation & Electrical Industries.



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# CIRCUIT BOARD ACCESSORIES & SPACERS



## Card Guides

Card Guides provide an effective card mounting system which is extremely rugged and functional. They are designed with a snap-in mounting facility and are mounted by simply pushing the studs into pre-drilled holes. The PCBs slide easily into the guides and remain securely mounted.

**Material :** Nylon 6. Resistant to Fungus, Corrosion, and most mild acids.

**Flammability Rating :** UL94 V-2 | **Standard Colour:** Natural White

**Operating Temperature :** -25° C to +85° C | **Halogen Free :** Yes

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Telecom, Computers & Networking, Electronics.



## Edge Saddles

Edge Saddles are designed for cable fitments and protection from the edges/corners of the panels. The flexible wings on the opening of the saddle allow for easy entry of the cables into the saddle but prevent the cables from coming out

**Material :** Nylon 6. Resistant to Fungus, Corrosion, and most mild acids.

**Flammability Rating :** UL94 V-2 | **Standard Colour:** Natural White | **Operating Temperature :** -25° C to +85° C

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Automobiles, Railways, Aviation, Ship Building, Telecom, Consumer Durables, Computers & Networking, Electric Metering, Electronics, Control Panels.





## CIRCUIT BOARD ACCESSORIES & SPACERS



### EHT Wire Clamp for TV Monitors

EHT Wire Clamps are designed to protect EHT wires from heat specially in TVs and Monitors. Its primary function is to keep high voltage wires away from other components. The flexible leg design eases wire insertion and the secondary leg surrounding the wire allows for a positive fit.

**Material :** Nylon 6. Resistant to Fungus, Corrosion, and most mild acids.

**Flammability Rating :** UL94 V-2 | **Standard Colour:** Natural White | **Operating Temperature :** -25° C to +85° C

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Consumer Durables, Computers & Networking.



### LED Spacer

LED Spacer are designed to provide a uniform spacing height between the LED and the surface of board, thus minimizing- shifting and height variations. They also double up as holders for the LEDs to prevent bending and tilting during handling and assembly, ensuring uniformity and production ease. They are installed easily and quickly by hand.

**Material :** Nylon 6. Resistant to Fungus, Corrosion, and most mild acids.

**Flammability Rating :** UL94 V-2 | **Standard Colour:** Natural White | **Operating Temperature :** -25° C to +85° C

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Automobiles, Railways, Aviation, Power Plants, Telecom, Consumer Durables, Retail Stores, Computers & Networking, Electric Metering, Electronics, Control Panels and many more.



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## CIRCUIT BOARD ACCESSORIES & SPACERS



### Permanent Spacers

Permanent Spacers are designed to mount discreetly, PCB components in almost any lead pattern and elevation. It is available in two basic ID/OD combinations with various spacing heights.

**Material :** High impact Polystyrene. Resistant to Fungus, Corrosion, and most mild acids.

**Flammability Rating :** UL94 V-2 | **Standard Colour:** Natural White | **Operating Temperature :** -25° C to +85° C

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Automobiles, Railways, Aviation Power Plants, Telecom, Consumer Durables, Retail Stores, Computers & Networking, Electric Metering, Electronics, Control Panels and many more.



### Push Fit Snapper Clip

Push Fit Snapper Clip is a one piece non-conductive, fool proof holding device for fixing of Can type aluminium electrolytic capacitor which can be fitted easily and quickly. For application, just position it on the Capacitor and press the jaws together. For maximum tightness a plier can be used to give that firmness and vibration resistance. The capacitor holder can be released and reused multiple times.

**Material :** Nylon 6. Resistant to Fungus, Corrosion, and most mild acids.

**Flammability Rating :** UL94 V-2 | **Standard Colour:** Natural White | **Operating Temperature :** -25° C to +85° C

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Automobiles, Railways, Aviation, Ship Building, Power Plants, Telecom, Consumer Durables, Retail Stores, Electric Metering, Electronics, Control Panels, New Project Installations and many more.







# CIRCUIT BOARD ACCESSORIES & SPACERS



## Round Nylon Spacers

Round Nylon Spacers are available with OD 6.4 mm to use with M-3 and M-4 screw. They provide high dielectric strength and are resistant to most chemicals.

**Material :** Polyamide. Resistant to Fungus, Corrosion, and most mild acids.

**Flammability Rating :** UL94 V-2 | **Standard Colour :** Black | **Operating Temperature :** -25° C to +85° C

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Automobiles, Railways, Aviation, Couriers & Logistics, Ship Building, Power Plants, Telecom, Consumer Durables, Retail Stores, Electric Metering, Electronics, Control Panels and many more.



## Self Retaining Spacer

Self Retaining Spacer is designed to insulate the head of the screw from the PCB while providing desired spacing between PCB and chassis. The PCB mount head snaps in to maintain spacing even when the screw is removed.

**Material :** Nylon 6 (Polyamide). Resistant to Fungus, Corrosion, and most mild acids.

**Flammability Rating :** UL94 V-2 | **Standard Colour:** Natural White | **Operating Temperature :** -25° C to +85° C

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Automobiles, Railways, Aviation, Power Plants, Telecom, Consumer Durables, Retail Stores, Electric Metering, Electronics, Control Panels, New Project Installations and many more.



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## CIRCUIT BOARD ACCESSORIES & SPACERS



### Adhesive Backed PCB Support

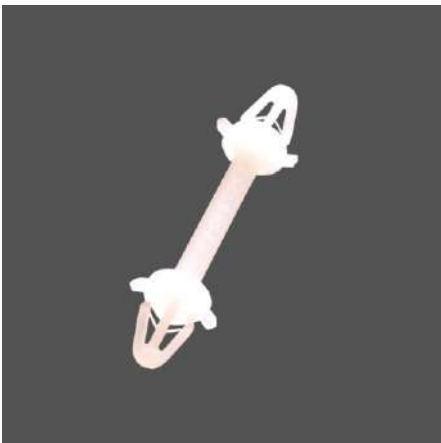
Adhesive Backed PCB Support are designed for fixing PCB to chassis in all types of electronic equipments. This PCB support is ideal where there is no possibility of making holes in chassis. PCB is installed just by snapping into the PCB support. It is available with a spacing distance of 9.7 mm.

**Material :** Nylon 6 (Polyamide). Resistant to Fungus, Corrosion, and most mild acids.

**Flammability Rating :** UL94 V-2 | **Standard Colour:** Natural White | **Operating Temperature :** -25° C to +85° C

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Automobiles, Railways, Aviation, Ship Building, Power Plants, Telecom, Consumer Durables, Retail Stores, Computers & Networking, Electric Metering, Electronics, Control Panels, New Project Installations and many more



### Double Locking Style PCB Supports

Double Locking Style PCB Supports are non- conductive and are designed for securing and providing the needed space between PCB and chassis or PCB and PCB. These have a plug-in-fastening method for lower assembly costs and allow wide access for maintenance or equipment modifications. These Supports are mounted easily just by snapping into the board. They are available in 7 standard heights from 4.8 mm to 25.4 mm, board to board. These are designed to fit in 4 mm diameter hole in 1.6 mm thick PCB.

**Material :** Nylon 6 (Polyamide). Resistant to Fungus, Corrosion, and most mild acids. (Tolerance:  $\pm 0.50\text{mm}$ .)

**Flammability Rating :** UL94 V-2 | **Standard Colour:** Natural White | **Operating Temperature :** -25° C to +85° C

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Automobiles, Railways, Aviation, Power Plants, Telecom, Consumer Durables, Retail Stores, Computers & Networking, Electric Metering, Electronics, Control Panels, New Project Installations and many more.





# CIRCUIT BOARD ACCESSORIES & SPACERS



## Locking Circuit Board Support

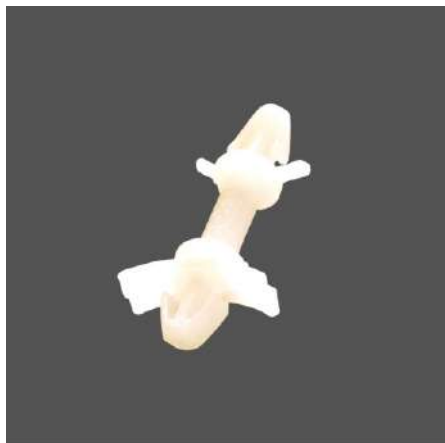
Locking Circuit Board Support can just be snapped in by hand for mounting. It has a rigid and permanent grip. No tool is required for installation

**Material :** Nylon 6 (Polyamide). Resistant to Fungus, Corrosion, and most mild acids.

**Flammability Rating :** UL94 V-2 | **Standard Colour :** Black | **Operating Temperature :** -25° C to +85° C

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Automobiles, Railways, Aviation, Power Plants, Telecom, Consumer Durables, Retail Stores, Electric Metering, Electronics, Control Panels, New Project Installations and many more.



## Locking Style PCB Supports

Locking Style PCB Supports are non-conductive, non-magnetic PCB Supports and are designed to fit in 4 mm diameter hole in PCB and 4.8 mm diameter hole in chassis of 0.8 to 2 mm thickness. These supports are also mounted easily just by snapping into the board. It is available in 9 standard spacing heights.

**Material :** Nylon 6 (Polyamide). Resistant to Fungus, Corrosion, and most mild acids. (Tolerance:  $\pm 0.50$ mm.)

**Flammability Rating :** UL94 V-2 | **Standard Colour:** Natural White

**Operating Temperature :** -25° C to +85° C | **Intermittent Operating Temperature :** +115° C.

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Automobiles, Railways, Aviation, Power Plants, Telecom, Consumer Durables, Retail Stores, Electric Metering, Electronics, Control Panels and many more.



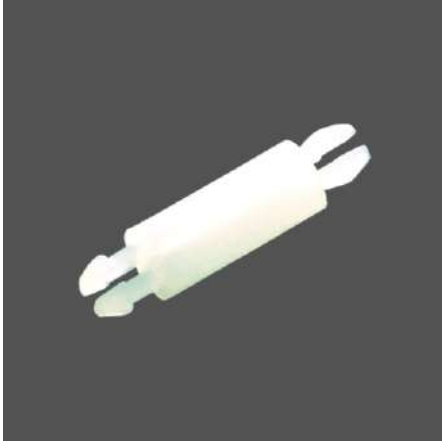
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## CIRCUIT BOARD ACCESSORIES & SPACERS



### Micro Support Post

Micro Support Post is designed to provide permanent locking for chassis. For modification or service the PCB can be pulled out easily by just pinching the head with finger or simple plier. It can snap into 3.2 mm diameter hole of 1.6 mm thick chassis & PCB

**Material :** Nylon 6 (Polyamide). Resistant to Fungus, Corrosion, and most mild acids.

**Flammability Rating :** UL94 V-2 | **Standard Colour:** Natural White | **Operating Temperature :** -25° C to +85° C

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Automobiles, Railways, Aviation, Power Plants, Telecom, Consumer Durables, Retail Stores, Electric Metering, Electronics, Control Panels and many more.



### Mini Card Spacer Support

Mini Card Spacer Support are designed to support PCB securely by large bottom base.

**Material :** Nylon 6 (Polyamide). Resistant to Fungus, Corrosion, and most mild acids. (Tolerance:  $\pm 0.50\text{mm}$ .)

**Flammability Rating :** UL94 V-2 | **Standard Colour:** Natural White | **Operating Temperature :** -25° C to +85° C

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Automobiles, Railways, Aviation, Power Plants, Telecom, Consumer Durables, Retail Stores, Electric Metering, Electronics, Control Panels and many more.





# CIRCUIT BOARD ACCESSORIES & SPACERS



## PC Board Holder

PC Board Holder is designed to provide permanent locking for chassis. For modification or service, the PCB can be pulled out easily by just pinching the head with finger or simple plier. It can snap into 3.2 mm diameter hole of 1.6 mm thick chassis & PCB.

**Material :** Nylon 6 (Polyamide). Resistant to Fungus, Corrosion, and most mild acids.

**Flammability Rating :** UL94 V-2 | **Standard Colour:** Natural White | **Operating Temperature :** -25° C to +85° C

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Automobiles, Railways, Aviation, Power Plants, Telecom, Consumer Durables, Retail Stores, Electric Metering, Electronics, Control Panels and many more.



## Screw Mount Tube PCB Support

Screw Mount Tube PCB Support are designed for secure and quick installation of PCBs with self taping screw on chassis side and push fit on PCB side. This also prevents any lateral board movement. The PCB mount head locks and releases. They are non-magnetic and non-corrosive. It is available in 3 standard spacing heights.

**Material :** Nylon 6 (Polyamide). Resistant to Fungus, Corrosion, and most mild acids. (Tolerance:  $\pm 0.50\text{mm}$ .)

**Flammability Rating :** UL94 V-2 | **Standard Colour:** Natural White

**Operating Temperature :** -25° C to +85° C | **Intermittent Operating Temperature :** +115° C.

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Automobiles, Railways, Aviation, Power Plants, Telecom, Consumer Durables, Retail Stores, Electric Metering, Electronics, Control Panels and many more.



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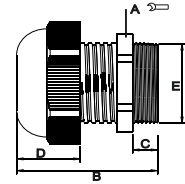




# CABLE GLANDS



## PG Thread Cable Gland



PG Thread Cable Glands are used to protect cables from breakage, right angle bending. Generally used on cable and wires attached to moving machinery parts and entry points of enclosures, cable glands provide fool proof protection. The gripping teeth at the head of the cable gland provide a firm hold on the cables relieving them of strains and stresses, while the seals below prevent damage and cuts to the wires. Coupled with an additional washer, the cable glands can provide IP68 rated protection thus ensuring the longevity of the machinery. Some salient features and technical data:

**Material :** Material: Nylon 6.6, Resistant to Fungus, Corrosion, and most mild acids.

**Flammability Rating :** UL94 V-2 Resistant to Fungus, Corrosion, and most mild acids.

**Standard Colour:** UV Resistant Black and Ivory Gray. | **Operating Temperature :** -25° C to +85° C | **Halogen Free**

**Tensile Strength :** High Tensile Strength provides a secure grip on the cables & prevents damage from external forces.

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Automobiles, Railways, Aviation, Ship Building, Power Plants, Telecom, Consumer Durables, Computers and Networking, Electric Metering, Electronics, Control Panels, Connector Boxes, Junction Boxes, Battery Packs.

Sr. No.	Threading type	Cable Range ( in mm )	A	B		C	D	Ø E
				Min.	Max.			
1.	PG-7	2.5 - 6.5	15	28.0	33.6	8.5	13.4	12.25
2.	PG-9	3.5 - 8	18	31.9	40.1	8.5	17.4	15.08
3.	PG-11	4 - 10	24	29.5	38.4	9.8	17.4	19.00
4.	PG-13.5	5 - 12	26	32.7	41.9	9.8	17.8	20.05
5.	PG-16	9 - 14	27	31.9	40.1	9.8	17.4	15.08
6.	PG-21	13 - 18	32	39.7	50.7	12.1	21.7	28.45
7.	PG-29	14 - 25	42	39.7	50.7	12.1	21.7	28.45
8.	PG-36	19 - 32	60	52.0	70.3	12.4	31.3	46.12
9.	PG-42	28 - 40	63	60.5	75.6	20.4	31.6	50.50
10.	PG-48	32 - 44	63	60.5	75.6	20.4	31.6	50.50
11.	PG-63	40 - 50	79	81.5	105.9	29.5	43.0	70.05



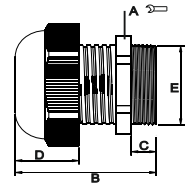


# CABLE GLANDS

## Metric Thread Nylon Cable Glands



Metric Thread Hexagonal Nylon Cable Glands unique design out-dates and out-performs the traditional Brass Cable Glands used as general purpose glands for plastic or rubber insulated, un-armoured, and plastic or rubber over sheathed cables. These glands are manufactured from a high grade engineering thermoplastic, an inherently strong compound that is self extinguishing and corrosion resistant. These Glands absorb variations and shocks better than the traditional brass cable glands. It is available to suit cable diameter 6 mm to 27 mm in Metric Thread.



**Material :** Material: Nylon 6, Resistant to Fungus, Corrosion, and most mild acids.

**Flammability Rating :** UL94 V-2 Resistant to Fungus, Corrosion, and most mild acids.

**Standard Colour:** UV Resistant Black | **Operating Temperature :** -25° C to +85° C | **Halogen Free**

**Tensile Strength :** High Tensile Strength provides a secure grip on the cables & prevents damage from external forces.

**Storage Conditions :** To be stored in a cool, dark, dry place away from sunlight in a sealed condition.

**Applications :** Automobiles, Railways, Aviation, Ship Building, Power Plants, Telecom, Consumer Durables, Computers and Networking, Electric Metering, Electronics, Control Panels, Connector Boxes, Junction Boxes, Battery Packs.

Sr. No.	Threading type	Cable Range ( in mm)	A	B		C	D	Ø E
				Min.	Max.			
1.	M 12x1.5	2.5 - 6.5	20	25.7	33.8	7.6	12.7	12
2.	M 16x1.5	3.5 - 8	19	31.7	40.4	8.6	17.1	16
3.	M 20x1.5	7 - 12	25	34.4	46.4	12.0	17.0	20
4.	M 25x1.5	9 -14	31	39.8	54.6	14.7	19.0	25
5.	M 32x1.5	13 -18	44	39.2	50.3	11.7	21.4	32
6.	M 40x1.5	14 - 25	49	43.7	57.7	10.0	26.5	40
7.	M 50x1.5	22 - 32	58	50.7	69.2	12.3	30.4	50
8.	M 20x1.5(L)	7- 12	25	34.4	51.4	12.0	17.0	20
9.	M 25x1.5(L)	9 - 14	31	39.8	61.6	14.7	19.0	25
10.	M 20x1.5(TC)	7 - 12	25	34.4	46.4	12.0	17.0	20
11.	M 25x1.5(BC)	13 - 18	31	39.8	61.6	14.7	19.0	25



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**Registered Office :** B/2,304, Dhan Vaibhav Building, Jambli Gully, Borivali (West), Mumbai - 400 067. INDIA

☎ +91 22 2899 9722 - 23 | 📞 +91 98202 54089 ( Mr. Nivid Shah - Managing Partner ) | ✉ [nivid@adnubplastchem.com](mailto:nivid@adnubplastchem.com)

**Branch Office :** 302/303, B wing, 3rd Floor, Emperor Building, Above Saraswat Co-operative Bank, Babhai Naka, L T Road, Borivali (W), Mumbai - 400092. INDIA. ☎ +91 22 3599 2190 | +91 22 3599 2143

**Factory :** Survey No. 357/2/2/1, Behind Dadra Garden, Dadra-396230. Dadra & Nagar Haveli (U.T.), INDIA.

✉ [info@adnubplastchem.com](mailto:info@adnubplastchem.com)

✉ [info@adnubplastchem.com](mailto:info@adnubplastchem.com)

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