



PRENAV[®]
Your protective shield to life

**DISCOVER COMPLETE
SPECTRUM OF
WELDING EQUIPMENT**



Profile

Since our inception in the year 1985, we have evolved, grown immensely and taken new challenges happening in the ever changing/demanding welding industry.

Over the years , Prenav has contributed a lot to the welding industry by offering a comprehensive range of products that comprises Welding Electrode Holders, Face Shields, Hand Shields, Head shields, Earthing Clamps, Welding Cables, Welding Hose pipes & other Welding Accessories.

Prenav has always strived for delivering its customers high quality, innovative & user friendly products. To achieve this, we have recently set up a new state-of-the-art plant in Delhi, loaded with advanced machineries for manufacturing of all products.

Our team of professionals with decades of experience are well versed with the welding industry & help us to achieve the finest products by innovating and investing in R&D.

Prenav products conform to all quality compliances like ISO 9001:2015, ISO 14001:2015 and also have ISI standards for most of the products.

Our products are available nationwide through a pan India dealer network.

We promise to continue to meet the trust and expectations of our customers every time.





Our Certifications

We introduce ourself as a manufacturer owning the most advanced manufacturing unit for producing Welding & Safety products in India. Being an ISO 9001:2015 & 14001:2015 Certified Company, all processes and systems are stringently monitored to deliver quality product at each stage of manufacturing and service. With the assistance of our efficient workforce and state-of-the-art infrastructure, we are able to meet the prevailing and emerging demands of market. Our manufacturing units are equipped with the latest machinery that enables us to offer products as per the specific requirements of clients, with low production cost.

More than 100 products manufactured by Prenav India are CE certified. Our certificate have been issued by certified body ukICL, in accordance to directive 2006/42/EC machinery directive and 2006/95/EC low voltage directives.



Explanation of Symbols



We adhere to all the quality compliances to deliver the best product to our customers



GST CERTIFICATE



CERTIFICATE OF INCORPORATION



UDYAM REGISTRATION CERTIFICATE



IEC CODE



TRADEMARK CERTIFICATE



PATENT CERTIFICATE

Disclaimer Notice:

Due to continuous product improvement, dimensions, size, weight and other specifications may change from time to time, based on product research & customer feedback, Any such changes would be implemented without prior notice.

Our Licence Details issued by Bureau of Indian Standards



IS: 2641



ELECTRICAL WELDING ACCESORIES

Name Of Manufacturer	PRENAV India Private Limited
Address of manufacturer(if mentioned on product or packing)	C-10,Lawrence Road Industrial Area, Delhi, Delhi
District	North West Delhi
State	Delhi
Name of the product	Electrical Welding Accesories
IS No.	IS 2641:1989
Varieties Covered	600 Amp. Type-A (Variety) 600 Amp. Type-B (Variety) 400 Amp. Type-A (Variety) 400 Amp. Type-B (Variety) 200 Amp. Type-A (Variety) 200 Amp. Type-B (Variety)
Brand	PRENAV

IS: 9857



WELDING CABLES

Name Of Manufacturer	PRENAV India Private Limited
Address of manufacturer(if mentioned on product or packing)	C-10,Lawrence Road Industrial Area, Delhi, Delhi
District	North West Delhi
State	Delhi
Name of the product	Welding Cables
IS No.	IS 9857:1990
Varieties Covered	<ul style="list-style-type: none"> ▪ Aluminium Conductor- 25 Sq mm to 120 Sq mm Covering Type SE-1 & SE-3, Cable Code- AR (Variety) ▪ Copper Conductor- 16 Sq mm to 95 Sq mm, Covering Type SE-1 & SE-3, Cable Code-R (Variety)
Brand	PRENAV

IS: 447



RUBBER HOSE FOR WELDING

Name Of Manufacturer	PRENAV India Private Limited
Address of manufacturer(if mentioned on product or packing)	C-10,Lawrence Road Industrial Area, Delhi, Delhi
District	North West Delhi
State	Delhi
Name of the product	Rubber Hose for welding
IS No.	IS 447:1988
Varieties Covered	Nominal bore size 5.0mm, 6.3 mm, 8.0 mm
Brand	PRENAV

1-10



Welding
Holders

11-12



Earth
Clamp

13-16



Welding
Head Shield

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Welding
Hand Shield

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Welding
Face Shield

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MIG Welding
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TIG Welding
Accessories

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Other Welding
Accessories

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Welding Holders

Prenav electrode Holders are suitable for adverse welding conditions like ship building, construction, fabrication docyard or welding in enclosed conditions like inside vessels etc. They are designed for safe and comfortable welding. They are provided with easy and effective connections to the cable. Their jaws are made from Non Ferrous Metallic Alloy which transmit 100% current to the electrode.



Welding Holders



Amron
EH-01



35% :150 Amps.
60% :125 Amps.

16 mm²

2.5 mm

160 Pcs (20 Pcs. x 8 Box) 100 Pcs (1 Pcs. x 100 Box)

Steel

Chhotu
EH-02



35% :150 Amps.
60% :125 Amps.

16 mm²

3.25 mm

160 Pcs (20 Pcs x 8 Box) 100 Pcs (1Pcs. x 100 Box)

Steel

Weld King (Black)
EH-03



35% :200 Amps.
60% :150 Amps.

16 mm²

3.25 mm

80 Pcs (10 Pcs. x 8 Box)

Steel + Copper

Weld King (Yellow)
EH-04



35% :200 Amps.
60% :150 Amps.

16 mm²

3.25 mm

80 Pcs (10 Pcs x 8 Box)

Steel + Copper

Welding Holders

Star
EH-05



35% :300 Amps.						
60% :230 Amps.	16 mm ²	3.25 mm	80 Pcs (10 Pcs. x 8 Box)	65 Pcs (1 Pc. x 65 Box)	Steel + Copper	

Eckoweld
EH-06



35% :300 Amps.						
60% :230 Amps.	16 mm ²	3.25 mm	65 Pcs (1 Pc. x 65 Box)	Steel		

Choice
EH-07



35% :300 Amps.						
60% :230 Amps.	16 mm ²	3.25 mm	65 Pcs (1 Pc. x 65 Box)	Steel		

Gold Touch
EH-08



35% :320 Amps.						
60% :260 Amps.	16 mm ²	3.25 mm	80 Pcs (10 Pcs. x 8 Box)	65 Pcs (1 Pc. x 65 Box)	Steel + Copper	

Welding Holders



Galaxy
EH-09



- 35% :400 Amps.

- 
25 mm²
- 
4.00 mm
- 
65 Pcs.
(1 Pc. x 65 Box)
- 
Steel
+ Gunmetal

Big Boss
EH-10



- 35% :400 Amps.

- 
25 mm²
- 
4.00 mm
- 
80 Pcs
(10 Pcs. x 8 Box)
- 
50 Pcs
(1 Pc. x 50 Box)
- 
Steel
+ Copper

Jumbo
EH-11



- 35% :400 Amps.

- 
25 mm²
- 
4.00 mm
- 
80 Pcs.
(10 Pcs x 8 Box)
- 
50 Pcs
(1 Pcs x 50 Box)
- 
Steel +
Copper

Hi Power
EH-12



- 35% :500 Amps.

- 
35 mm²
- 
4.00 mm
- 
80 Pcs
(10 Pcs x 8 Box)
- 
50 Pcs
(1 Pcs x 50 Box)
- 
Steel + Copper +
Brass + Gunmetal

Welding Holders

EX
EH-13



35% :600 Amps.



60% :500 Amps.



35 mm²



4.00 mm



80 Pcs
(10 Pcs. x 8 Box)



Steel + Copper +
Brass+ Gunmetal

Smart
EH-14



35% :600 Amps.



60% :500 Amps.



35 mm²



4.00 mm



80 Pcs
(10 Pcs. x 8 Box)



Steel + Copper +
Brass+ Gunmetal

The Welder's Choice Holder Economical Series



Welding Holders



Nano
EH-101



35% :150 Amps.
60% :125 Amps.

16 mm²

2.5 mm

160 Pcs
(20 Pcs x 8 Box)

Steel

Lazer
EH-102



35% :300 Amps.
60% :230 Amps.

16 mm²

3.25 mm

65 Pcs
(1 Pc. x 65 Box)

Steel

Tago
EH-103



35% :300 Amps.
60% :200 Amps.

16 mm²

3.25 mm

100 Pcs
(1 Pc. x 100 Box)

Brass Casting

Spark
EH-104



35% :600 Amps.
60% :400 Amps.

35 mm²

4.00 mm

65 Pcs
(1 Pc. x 65 Box)

Steel + Brass Casting

Welding Holders

Prenav Welding Electrode Holder are suitable for manual metal arc welding with covered electrodes of length not more than 450 mm. Prenav welding holders are fitted with special copper alloy jaws which have more thermal conductivity than copper resulting in less heating problems during welding processes and hence greater life.



ISI
Marked

IS:2641



Features

- Prenav Electrode holders are suitable for use on circuits with open circuit voltages up to and including 100 volts (rms).
- They are light in weight so to reduce handling problems.
- They have the provision for alternative positions for gripping electrodes to avoid the necessity for bending the electrodes when welding in different positions.
- Their design is such that under normal conditions of service, it is possible to weld the electrodes in any position in the holder until a stub only 40mm in length remains without damage to the holder.

Welding Holders



Tango
EH-1001



Eagle
EH-1002



35% :300 Amps.
60% :200 Amps.

25 mm ²	3.25 mm	100 Pcs (1 Pc. x 100 Box)	Brass Casting	

35% :500 Amps.
60% :400 Amps.

35 mm ²	4.00 mm	100 Pcs (1 Pc. x 100 Box)	Steel + Copper + Gunmetal	

Chota Hathi
EH-1003



Proweld
EH-1004



35% :500 Amps.
60% :400 Amps.

35 mm ²	4.00 mm	100 Pcs (1 Pc. x 100 Box)	Steel + Copper	

35% :800 Amps.
60% :600 Amps.

50 mm ²	4.00 mm	50 Pcs (1 Pc. x 50 Box)	Steel + Copper	

Welding Holders

Tiger
EH-1005



IS: 2641

35% :800 Amps. 60% :600 Amps. 50 mm² 4.00 mm 50 Pcs (1 Pc. x 50 Box) Steel + Copper + Brass+ Gunmetal

Panther
EH-1006



IS: 2641

35% :800 Amps. 60% :600 Amps. 50 mm² 4.00 mm 80 Pcs (10 Pcs. x 8 Box) Steel + Copper + Brass+ Gunmetal

Shark
EH-1007



IS: 2641

35% :800 Amps. 60% :600 Amps. 50 mm² 4.00 mm 65 Pcs (1 Pc. x 65 Box) Steel + Brass Casting

Legend
EH-1008



IS: 2641

35% :800 Amps. 60% :600 Amps. 50 mm² 4.00 mm 65 Pcs. (1 Pc. x 65 Box) Steel +Copper+ Gunmetal

Welding Holders

CE



Safari
EH-1009



IS: 2641

Samurai
EH-1010

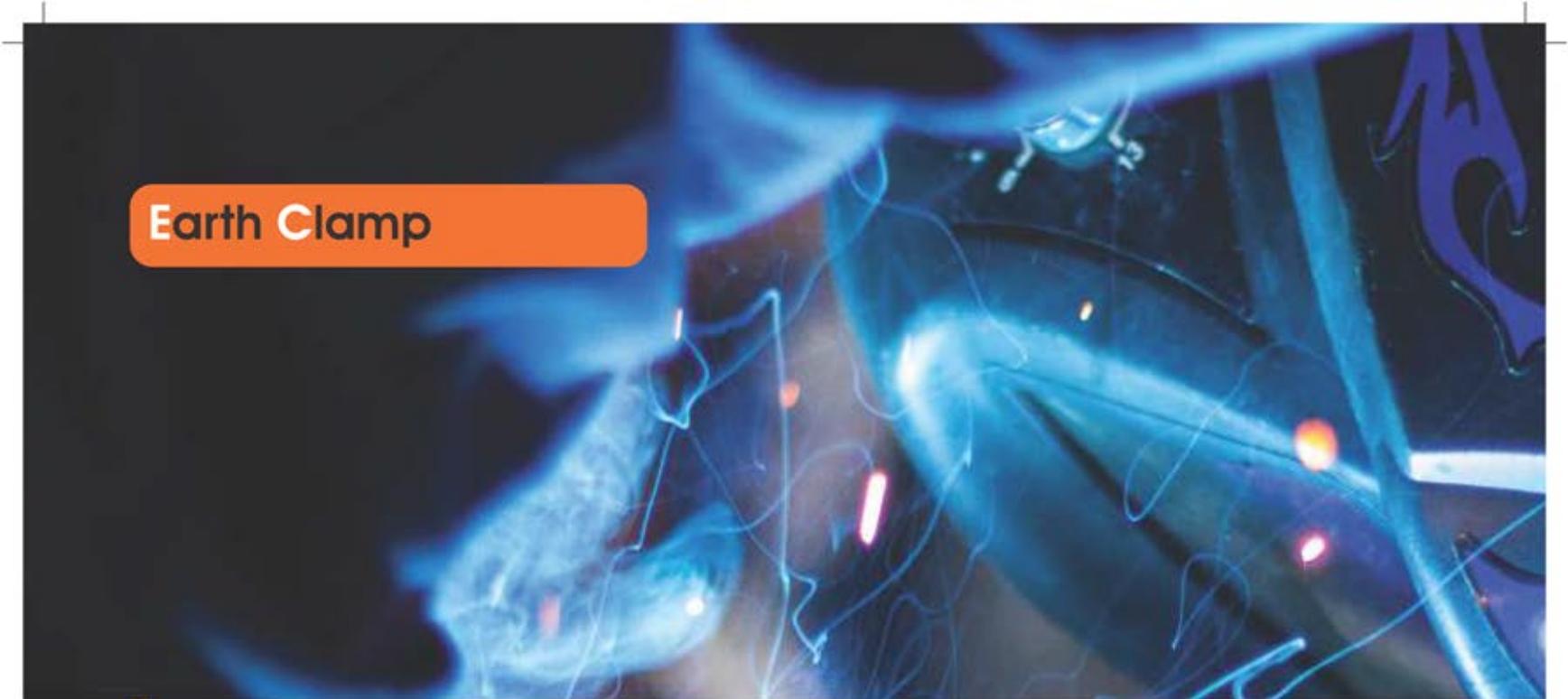


IS: 2641

- 35% :800 Amps.
 -
 -
 -
 -
- 60% :600 Amps. 70 mm² 5.00 mm 65 Pcs (1 Pc. x 65 Box) Steel + Copper + Gunmetal

- 35% :800 Amps.
 -
 -
 -
 -
- 60% :600 Amps. 70 mm² 5.00 mm 80 Pcs (10 Pcs. x 8 Box) Steel + Copper + Gunmetal + Brass





Earth Clamp

Prenav earth / return current clamp, strongly built steel clamps. Plated to protect from corrosion and is robust and capable in maintaining efficient electrical and mechanical contact which never disturb in normal service. The designed crocodile type preferably incorporating in minimise the risk of damage to the cable due to flexing. We also provide the complete grip to the earthing clamps to protect the risk of any type of electric shock to the person who is using this. The preferred rated current available in 200 Amp., 400 Amp. & 600 Amp. make it heat resistant by the copper Jaws/Teeth. These are in extensive use at all fabrication shops through out India.



Earth Clamp



EC-400
Eco



EC-400
Gold
(With Grip)



35% :600 Amps.
60% :400 Amps.

10-25 mm ²	108 Pcs (1 Pc. x 108 Box)	Steel + Copper	

35% :600 Amps.
60% :400 Amps.

10-25 mm ²	108 Pcs (1 Pc. x 108 Box)	Steel + Copper	

EC-600
Eco



EC-600
Gold
(With Grip)



35% :800 Amps.
60% :600 Amps.

35-50 mm ²	65 Pcs (1 Pc. x 65 Box)	Steel + Copper	

35% :800 Amps.
60% :600 Amps.

35-50 mm ²	65 Pcs (1 Pc. x 65 Box)	Steel + Copper	



Welding Head Shield

Prenav introduces an exhaustive range of welding shields & face protectors designed to protect the wearer eyes from the harmful radiations including visible light, UV/IR radiation resulting from certain welding processes. These face protectors are extremely light in weight, providing comfort as well as protection during welding operation.



Welding Head Shield



Rock
WS-01



It has flat window which is suitable for electric welding, it comes with adjustable gear ring.



50 Pcs
(Loose Packing) 370 Gms.

Gold Touch
WS-02



It has flip front window which makes it easy for normal viewing even when the operation are not on. It has a adjustable headband that makes it usable by persons with different head size to minimize reflection and glare produced by the intense light, the helmet is dull black in color. it is designed for use in Arc welding or cutting applications such as MIG/MAG, TIG, MA Plasma Arc and carbon Arc



12 Pcs (1 Pc x 12 Box) 30 Pcs. (With Box) 40 Pcs. (Without Box) 500 Gms.

Gold Touch (Premium)
WS-03



12 Pcs. (1 Pc x 12 Box) 30 Pcs. (With Box) 40 Pcs. (Without Box) 470 Gms.

Freedom
WS-04



12 Pcs (1 Pc x 12 Box) 30 Pcs. (With Box) 40 Pcs. (Without Box) 550 Gms.

Welding Head Shield

Perfect
WS-05



The helmet is suitable for all position welding and is supplied complete with outer protection lens, shade 11 DN a thermal glass and the unique large internal protection glass.



12 Pcs
(1 Pc x 12 Box)



600 Gms.

Matrix
WS-06



Spring Loaded Head Shield



36 Pcs
(3 Pcs x 12 Box)



400 Gms.

Supreme
WS-07



Spring Loaded Head Shield With Nap Safety Helmet



12 Pcs
(1 Pc x 12 Box)



550 Gms.

Deluxe
WS-08



Spring Loaded Head Shield With Ratchet Safety Helmet



12 Pcs
(1 Pc x 12 Box)



730 Gms.

Welding Head Shield



Century WS-09



Window Head shield with Nap safety helmet with side nut bolt

Discovery WS-10



Window Head shield with Ratchet safety helmet with side nut bolt



Hunter WS-11



Auto Darkening Welding Shield

- This welding helmet has high impact resistant polypropylene shell and has a unique auto darkening feature.
- Sensor are provided on the front of the lens which react the moment the welding arc is struck and cause the filter to darken. The filter switches back to the light shade as soon as the welding has stopped.
- Protection from UV/IR radiations are continuous in all stages of filter even when the battery is completely discharged, the welder still remains protected against harmful radiation accordingly to the darkest shade of the filter (shade 13).
- Shade adjustment is made by adjustable potentiometer on outside of the helmet shell prior to the use. The shade can be adjusted from Nos. 9 to 13.

Ring WSR-01



Welding Hand Shield

These face protectors are held in hand to protect eye, ears, face neck and parts of top of the head during welding & cutting process and frequently used by an observer or a person who works for a short span of time.

Dolphin WS-21



-  60 Pcs. (Loose Packing)
-  P.P.C.P.
-  240 Gms.

Rose WS-22



-  60 Pcs (Loose Packing)
-  P.P.C.P.
-  230 Gms.

Welding Hand Shield



Star
WS-23



60 Pcs
(15 Pcs. x 4 Box)



Cotton
Fiber



400 Gms.

Gold Touch
WS-24



24 Pcs.
(1 pc. x 24 box)



P.P.C.P.



240 Gms.

Comfort
WS-25



24 Pcs.
(1 pc. x 24 box)



P.P.C.P.



320 Gms.

Active
WS-26



24 Pcs.
(1 pc. x 24 box)



High Class
Cotton Fiber



500 Gms.



Welding Face Shield

Prenav offers a wide range of face shields which are mainly used by Welders, Engineers, Doctors and Scientists as safety/protection measures. Made from best quality raw material and manufactured to mechanical standards. It is mostly used in many construction & engineering industries.



Welding Face Shield



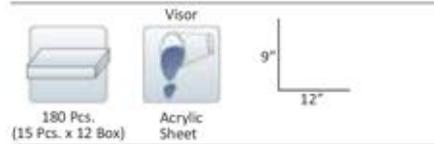
Pet sheet Face Shield (9" x 12")
With Both side masking

FS-01



Medical Face Shield (9" x 12")

FS-02



Bubble Face Shield (Acrylic)

FS-03



Bubble Face Shield With Mask (Acrylic)

FS-04



Welding Face Shield

Bubble Face shield (Crystal)

FS-05



		
96 Pcs. (8 Pcs x 12 Box)	Crystal Granules	Oval

Bubble Face shield With Ring
(Crystal)

FS-06



		
60 Pcs. (5 Pcs x 12 Box)	Crystal Granules	Oval

Type-A (6" x 12") Face Shield
(Orange Frame With Ratchet Ring)

FS-07



		
60 Pcs. (5 Pcs. x 12 Box)	Acrylic Sheet	6" x 12"

Type-A (9" x 12") Face Shield
(Orange Frame With Ratchet Ring)

FS-08



		
60 Pcs. (5 Pcs x 12 Box)	Acrylic Sheet	9" x 12"

Welding Face Shield



Type- A (6" x 12") Face Shield
(Red Frame With Elastic Band)

FS-09



Type- A (6" x 12") Face Shield
(Black Frame With Elastic Band)

FS-10



Type-B (9" x 12") Face Shield
(Orange Frame With Ratchet Ring)

FS-11



Type-B (9" x 12") Face Shield (Yellow Frame
With Ratchet Ring) (Polycarbonet Sheet)

FS-12



Welding Face Shield

Type- B (9" x 12") Face Shield
(Red Frame With elastic band)

FS-13



72 Pcs.
(6 Pcs x 12 Box)

Acrylic Sheet

9" 12"

Type- B (9" x 12") Face Shield
(Black Frame With elastic band)

FS-14



72 Pcs.
(6 Pcs x 12 Box)

Acrylic Sheet

9" 12"

Type- B (9" x 12") Face Shield (Black
Frame With Ratchet Ring)(Economical)

FS-15



60 Pcs.
(5 Pcs x 12 Box)

Acrylic Sheet

9" 12"

Type- B (6" x 12") Face Shield
(Red Frame With elastic band)

FS-16



96 Pcs.
(8 Pcs x 12 Box)

Acrylic Sheet

6" 12"

Welding Face Shield



Type- B (6" x 12") Face Shield
(Black Frame With elastic band)

FS-17



Type- B (6" x 12") Face Shield (Black
Frame With Ratchet Ring)(Economical)

FS-18



Spring Loaded Face shield
(6" x 12") (Acrylic)

FS-19



Spring Loaded Face shield
(8" x 16") (Acrylic)

FS-20



Welding Face Shield

Spring loaded Face shield (8" x 16")
(Polycarbonete Sheet)

FS-21



		
72 Pcs. (6 Pcs x 12 Box)	Polycarbonete Sheet	8" x 16"

Spring loaded Face shield (8" x 16")
with nap safety helmet

FS-22



		
12 Pcs. (1 Pcs x 12 Box)	Acrylic Sheet	8" x 16"

Spring loaded Face shield (8" x 16")
with Ratchet safety helmet

FS-23



		
12 Pcs. (1 Pcs x 12 Box)	Acrylic Sheet	8" x 16"

Face Shield (9" x 12") With Nap Safety
Helmet With Side Nut Bolt

FS-24



		
12 Pcs. (1 Pcs. x 12 Box)	Acrylic Sheet	9" x 12"

Welding Face Shield



Face Shield (9" x 12") With Ratchet Safety Helmet With Side Nut Bolt

FS-25



12 Pcs.
(1 Pcs x 12 Box)



Acrylic Sheet



Heat Resistance Type-A (6" x 12") Face shield

FS-26



72 Pcs.
(6 Pcs. x 12 Box)



Acrylic Sheet



Heat Resistance Type-B (9" x 12") Face shield

FS-27



72 Pcs.
(6 Pcs x 12 Box)



Acrylic Sheet



Heat Resistance Spring Loaded (8" x 16") Face shield

FS-28



72 Pcs.
(6 Pcs x 12 Box)



Acrylic Sheet



Welding Cables

ISI
Marked

IS:9857



Prenav offer a comprehensive range of welding cables in accordance to IS specifications and international parameters, besides being reliable and durable, the welding cables we offer are manufactured using high quality electrometric materials.

Salient Features

- High current carrying capacity due to low conductor resistance.
- High insulation resistance.
- Heat resisting, oil resisting & flame retardant property.
- Extra flexibility due to super annealed copper wire & good elasticity of compounds.
- Light in weight.
- Heavy duty in current.
- Saving of 40% operating cost.

Application

- Rubber insulated flexible welding cable are used to connect welding machine & for better welding proficiency.
- Used in automobile industries, ship building, transport, steel plants, railways, refineries, oil fields, automatic welding robots, construction, coal mines etc.
- The robust construction makes these cables highly durable.

Safety Requirements

- Coiled welding cable must always be spread out before using to avoid overheating in use.
- Cables must not be spliced within 10 feet of the holder.
- Welding cable must never be coiled or looped around the body of the worker.
- Cables with damaged insulation must be replaced.

Calculation of Size i.e. sq.mm. means

Area of one wire x No. of wires

$$= \pi r^2 \times \text{No. of wires.}$$

$$\text{or } \frac{\pi d^2}{4} \times \text{No. of wires.}$$

Say 35 sq.mm.

$$= \frac{3.14 \times 0.2 \times 0.2}{4} \times 1115 \text{ wires } \pm 25$$

Welding Cables



Technical Data

- Harmonised welding cable with general purpose rubber sheathing as Type SE-1, NBR-PVC HOFR sheathing as Type SE-3 to IS : 6380/84.
- Conductor resistance in accordance to IS : 8130/84.
- Conductor resistance factor at +20 °C.
- Admissible working temperature at the conductor
General purpose: +80°C
HOFR/NBR-PVC type: +100°C

Cable structure

- Plain / tinned annealed copper / plain Aluminium conductor extra fine stranded & bunched in accordance to IS : 8130/84.
- Melinex tape used as separator over the conductor for better electric conductivity.
- Rubber/NBR jacketing as per IS : 6380/84.
- With marking of brand name & cross section on each mtr.
- Testing of cable carried out as per IS : 9857/90 at our in-house facility.

- All types of cables are manufactured by moulding process. By this process, the cables are more compact, resulting in more and more life.
- Welding cables are available in copper and aluminium conductors and both are available in TRS and HOFR insulations. These cables are available in 16 mm² to 120 mm² conductor area.
- Standard 100 mtr. Length.



TECHNICAL DATA - HOFR OR TRS WELDING CABLES CONFORM TO IS:9857

Size In mm.	Approx. no of wire	Diameter of single wire	Diameter of single rope	Polyster thickness (mm)	Normal Shell thickness (mm)	Maxx. overall diameter (mm)	Approx. weight of 100 mtr. roll in copper (kgs.)	Approx. weight of 100 mtr. roll in alluminium (kgs.)
16	510	0.2	6	0.025	2	10.5	24	-
25	796	0.2	7.5	0.025	2	11.5	35	18
35	1115	0.2	9	0.025	2	13.7	45	20
50	707	0.3	10.5	0.025	2.2	15.3	62	28
70	999	0.3	12.5	0.025	2.4	17.3	86	40
95	1332	0.3	15	0.025	2.6	20.5	115	50
120	1698	0.3	17	0.025	2.8	22.7	-	62

RECOMMENDED CABLE SIZE FOR WELDING ELECTRODES

Electrode Size		Equivalent Cable as per IS : 434	Manual Welding			
(SWG)	(mm)		HOFR		TRS	
			Copper (Sq. mm)	Aluminium (Sq. mm)	Copper (Sq. mm)	Aluminium (Sq. mm)
14	2.00	----	16	25	16	25
12	2.50	----	16	25	16	25
10	3.25	150A	16	25	25	35
8	4.00	230A	25	35	35	50
8*	*4.00	400A*	35	50	50	70
6	5.00	600A	50	70	70	95
4	6.00	800A	70	95	95	120
2	7.00	1000A	95	120	---	---

*for longer length than 15 mtrs.

Welding Hoses



ISI
Marked

IS:447



Prenav Hose deliver stable pressure inspite of changes in rate of flow, temperature and other conditions. It strictly complies to IS 447:1988 and carefully tested for bursting pressure, tensile strength, elongation, adhesive strength test etc.

Welding Hoses



Rubber Hose For Welding

Application

Recommended for use with welding and gas cutting in a workshop, shipyards, construction site and manufacturing Industries etc.

Construction Tube

Uniform in thickness, manufactured with natural and synthetic rubber.

Reinforcement

High tensile synthetic yarn.

Cover

Blue for - oxygen & non fuel gases, Red for LPG.

Temp

-5°C to 65°C

Surface/Finish

Plain, Wrap, Lining



I.D. mm	O.D. mm	WP kgf/cm ²	BP kgf/cm ²
8	15	12.5	51

Thermoplastic Rubber (TPR) Hose For Welding

Major Uses

Gas welding Hose, Pneumatic Hose, Gas Welding and Cutting employing Oxygen, LPG, Acetylene, other Fuel Gases. Any types of Gas or air flow.

Construction Tube

Synthetic Rubber blended with polymers and Plasticizers.

Reinforcement

- High tensile synthetic yarn.

Physical and Mechanical Properties

- Flame Retardant
- Hydrocarbon and Oil resistant
- High Flexibility and Elastomer Properties
- Filler free and long lasting Durability

Cover

Blue for - oxygen & non fuel gases, Red for LPG.

Temp

-5°C to 55°C

Surface

Plain, Lining



I.D. mm	O.D. mm	WP kgf/cm ²	BP kgf/cm ²
8	14.5	25	70

MIG Welding Accessories



MIG (Metal Inert Gas) is the welding process of using a continuous feeding wire that uses an electric arc. The consensus is the MIG welding is easier to learn as well as faster to lay down a weld.



MIG welding machines continuously feed a spool of welding wire that melts fusing both pieces of metal together. MIG is also very versatile in that you can weld a variety of metals such as carbon steel, stainless steel, aluminium, magnesium, copper and other alloys. Thickness can vary from thin sheet metal to medium thick plates.

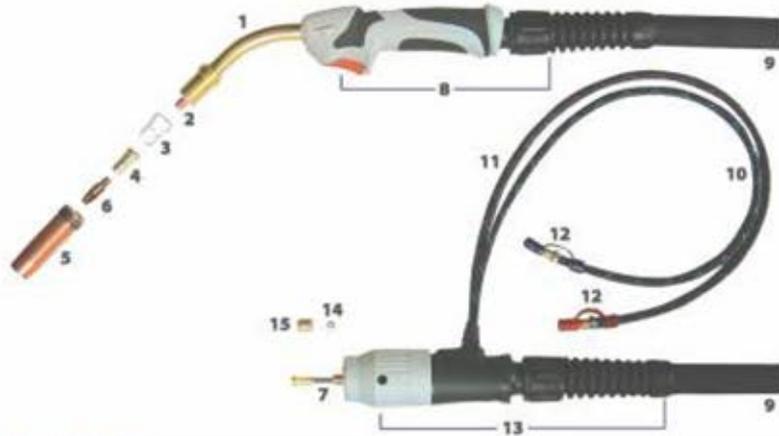
Advantages of MIG Welding are:

High quality welds can be produced much faster. Since a flux is not used, there is no chance for the entrapment of slag in the weld metal resulting in high quality Welds.

MIG WELDING TORCH SELECTION ALSO PLAYS AN IMPORTANT ROLE IN MIG WELDING.

1. TORCH SELECTION

- Air Cooled Torches Range Upto 290 Amps and Upto 1.2 mm Wire
- Water Cooled Torches Range Upto 450 Amps and Up To 1.6 mm Wire
- All types of torches available, like 15 AK, 24KD, 25AK, 36KD, 40KD, Pana 200, Pana 360, Pana 500.



2. CONSUMABLES

- | | |
|--------------------------------|-------------------------|
| 1. Swan Neck | 9. Cable Assembly |
| 2. Insulating Washer | 10. Water Inlet Hose |
| 3. Diffuser | 11. Water Outlet Hose |
| 4. Tip Adaptor | 12. Water Hose Nipple |
| 5. Nozzle/Shroud | 13. Euro Connection Kit |
| 6. Contact Tip | 14. Gun Plug 'O' Ring |
| 7. Liner | 15. Liner Retaining NUT |
| 8. Switch/Handle/Cable Support | |

These consumables are different in size according to different torches. All types of consumables are available with us.

TIG Welding Accessories



TIG welding, sometimes referred to as Gas Tungsten Arc Welding (GTAW) is the process of using an electric arc with a TIG electrode made of tungsten which does not dissolve or burn off when welding. When TIG welding you are simply melting metal together without using a filler metal as you do with MIG welding. TIG is relied upon commonly when you are welding stainless steel or similar light metals. TIG is also often chosen because it does not require filler metal that can cause contamination in the metal.

The TIG welding torch is a critical part of the TIG process. It is a point at which the arc is created and whilst the majority of heat goes into the arc the TIG welding torch is subjected to high heat levels.

As the TIG torch is held by the operator it must remain cool whilst still being easily maneuverable and compact in size. This heat is removed from the torch by either air/gas cooling or water cooling.

Where TIG torches are required for high production or high amperage then these would normally be water cooled and where lower amperage or lighter duty welding is required these would normally be air cooled.

1. TORCH SELECTION

- Air Cooled Torches Range Up to 180 Amps With a Recommended Maximum Tungsten Size of 3.2 mm.
- Water Cooled Torches range Up to 320 Amps With a Recommended Maximum Tungsten Size of 4.0 mm.
- All types of torches available, like 9V, 17V, 18V, 26V etc.

2. CONSUMABLES SETUP

COLLET BODY SETUP – It also allows you to extend the tungsten stick-out giving you better visibility of the weld pool especially in tight access welds. A collet body setup will have more gas turbulence & the gas coverage will not be as good.

GAS LENS SETUP - A gas lens setup is required for use in high quality integrity welding applications where a more superior/precise gas coverage is necessary. It also allows you to extend the tungsten stick-out giving you better visibility of the weld pool especially in tight access welds.



1. Rigid Torch Body
2. Flexible Torch Body (Optional)
3. Body with Argon Valve (Optional)
4. Short Back Cap (Optional)
5. Medium Back Cap (Optional)
6. Long Back Cap
7. Back Cap 'O' Ring
8. Collet
9. Stubby Collet (Optional)
10. Collet Body
11. Stubby Collet Body (Optional)
12. Gas Lens Body (Optional)
13. Large Gas Lens Body (Optional)
14. Ceramic Cup
15. Long Ceramic Cup (Optional)
16. Gas Lens Cup (Optional)
17. Long Gas Lens Cup (Optional)
18. Large Gas Lens Cup (Optional)
19. Ceramic Cup for Stubby Collet (Optional)
20. Long Ceramic Cup for Stubby Collet (Optional)
21. X-Long Ceramic Cup for Stubby Collet (Optional)
22. Left & Right Handle Shell
23. Handle Screw
24. Single Button Switch
25. Handle Ball Joint
26. Leather Sheath
27. Cable Cover Joint (Not illustrated)
28. Standard Heat Shield
29. Gas Lens Heat Shield (Optional)
30. Orge Gas Lens Insulator (Optional)
31. Valve Stem (Optional)

These consumables are different in sizes according to different torches. All types of consumables are available with us.

Other Welding Accessories

Cutter Grip **WA-01**



400 Pcs
(50 Pcs. x 8 Box)

Lighter **WA-02**



864 Pcs
(12 Pcs. x 72 Box)

BMC Red Washer **WA-03**



2500 Sets
(50 Sets x 50 Box)

Special Features :	
• Made of BMC	• Unbreakable
• Color : Red	• Size: 1/2"
• Heat Proof	

BMC Brown Washer **WA-04**



3500 Sets
(100 Sets x 35 Box)

Special Features :	
• Made of BMC	• Unbreakable
• Colour: Brown	• Size: 3/8", 1/2", 3/4"
• Heat Proof	

Copper Lugs **WA-05**



50 Kgs.

Terminal (Small) **WA-06**



500 Pcs.

Special Features :	
• Made of DMC	• Unbreakable
• Colour: Red Or Black	• Size: 65 x 19 x 3 mm
• Heat Proof	• Shape: Round & Square

Other Welding Accessories

Terminal (Medium)

WA-07



300 Pcs

Special Features :

- Made of DMC
- Unbreakable
- Colour: Red Or Black
- Size: 76 x 25 x 3mm
- Heat Proof
- Shape: Round Or Square

Terminal (Big)

WA-08



300 Pcs

Special Features :

- Made of DMC
- Unbreakable
- Colour: Red Or Black
- Size: 76 x 25 x 5mm
- Heat Proof
- Shape: Round Or Square

Terminal (for Rectifier)

WA-09



100 Sets

Special Features :

- Made of DMC
- Unbreakable
- Colour: Red Or Black
- Shape: Square
- Heat Proof

Male Cable Connector (Plug)

WA-10



200 Pcs.

Special Features :

- Made of Rubber & Brass
- Unbreakable
- Colour: Black
- Size: 16-25,35-50,70-95
- Heat Proof

Female Cable Connector (Socket)

WA-11



200 Pcs.

Special Features :

- Made of Rubber & Brass
- Unbreakable
- Colour: Black
- Size: 16-25,35-50,70-95
- Heat Proof

Lug Cable Connector

WA-12



200 Pcs.

Special Features :

- Made of Rubber & Brass
- Unbreakable
- Colour: Black
- Size: 16-25,35-50,70-95
- Heat Proof



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