



Precesion Lead Quality



BENSONS FASTENERS & PRECISION ENGINEERING (PVT.) LTD

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BENSONS Fasteners & Precision Engineering (Pvt) Ltd
V P Chambers, Nandini Road, Near Dena Bank,
Bhilai, Durg (Dt.), Chhattisgarh, 490011.
Mb: +91-9826655093, 9977228818,
www.bensons.co.in
E-Mail: jikky.jacob@bensons.co.in
GSTIN:- 22AAFCB3403Q2ZR

Date:-

BENSONS Fasteners and Precision Engineering (BF&PE) Pvt Ltd, established on 2014, having Registerd office at V P Chambers, Near Dena Bank, Nandini Road, Power House, Bhilai, Chhattisgarh. BF&PE manufactures Mild Steel Fasteners and High Tensile Fasteners. **BENSONS** have been dealing in Fasteners, High Tensile Fasteners, Welding Rod, MIG Wire & Polymers. Bensons Fasteners also deals with maximum range of High Tensile Fastners of Sundram Fasteners (**TVS**) of different shapes & size in Bhilai.

BENSONS deals with different products of ISWP Ltd., a subsidiary of **TATA STEEL LTD.**, Jamshedpur where we sell different products of ISWP ranging from Welding Electrodes, MIG Wires, Fasteners, Nails etc.

BENSONS deals with different products of **UNIVERSAL PRECISION SCREWS**, Rohtak, Haryana where we supply, different size and types of High Tensile Bolts & Nuts products.

BENSONS deals with polymer liners and are the dealer of **Polymer Industries India Ltd.**, Hyderabad. Polymer Industries India Ltd is a part of D S Group and manufacturer of UHMWPE – (Ultra High Molecular Weight Poly Ethylene) products. Polymer product are used in steel plant, cement industries, ceramic industries, power station, preparation plants for coal, ore and others minerals, rail wagons, dumpers and lorries for fine material, ports, foundries etc.

Hope the above information meets the requirement and you would float your valuable enquire on us.

Thanking you and assuring you for our best service at all possible limits.

For, **BENSONS Fasteners & Precision Engineering (Pvt) Ltd.**

J P Jacob





Dealer Certificate

This is to certify that

M/s **BENSONS Fasteners & Precision Engineering Pvt. Ltd., Bilalaj, Chhattisgarh**

is an Authorized Dealer of Spark Welding Electrode and Spark MIG Welding Wire
for the year 2020-2021

A handwritten signature in black ink, appearing to read 'J.K.', is positioned above the printed name of the Vice President.

J.K. Singh
Vice President

The Indian Steel & Wire Products Limited
(A Subsidiary of TATA Steel Ltd.)



Spark
WELDING ELECTRODES



Spark
MIG WELDING WIRE

UNIVERSAL PRECISION SCREWS

DEALER PARTNERSHIP CERTIFICATE

We Are Pleased To Appoint

BENSONS Fasteners & Precision Engineering (P) Ltd

As The Authorised Dealer To Stock And Sell



For the Year : **2020-2021**



Feedback / Escalation (If Any): +91-9896100240

Rajesh Jain

Rajesh Jain
Managing Director



THE INDIAN STEEL & WIRE PRODUCTS LIMITED
(A TATA STEEL SUBSIDIARY)



SPARK
of excellence

spark
WELDING ELECTRODES

spark
MIG WELDING WIRE

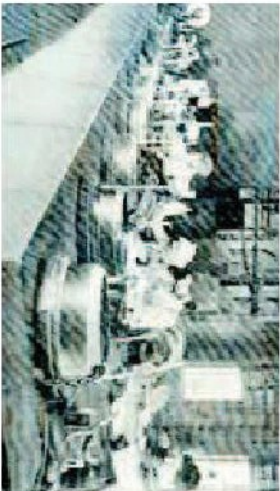


The Indian Steel & Wire Products Limited
PO: Indranagar, Jamshedpur - 831008
Phone (EPABX): 0657-6690524, 2149611, 2149612 Fax: 0657-2273225
Website: www.iswp.co.in

Shaping a glorious heritage

The Indian Steel and Wire Products Ltd. was established in 1920 as the first Wire Drawing Plant of India and was incorporated as a Company in 1935. It served the welding needs of the country through its range of quality products, meeting the soaring demand for welding consumables as the pace of industrialisation intensified. A lean period in the late 90s led it to being declared sick by the Board of Industrial & Financial Reconstruction (BIFR). In 2003, the Company was taken over by Tata Steel, and soon after, its performance improved by institutionalizing operational excellence through TPM, QMS, EMS, TBM etc. Today, it is a positive net worth Company, producing the highest quality products, backed by the assurance that comes with the 'Tata' stamp of trust.

Today ISWP is a quality manufacturer of Wire Rods, TMT, Wires, Nuts & Bolts, Rolls, Castings, Welding Electrodes, MIG Welding Wire, etc. Besides high quality products, ISWP also provides high standards of service in terms of easy availability of products across the country through an extensive distribution network, technical support to welders among other services. The company aims to focus on environment protection and health & safety of welders through environment friendly products.



The company has also come up with various health insurance schemes for select welders across the country. All these measures are in accordance with the basic ethos of Tata Group, where-in social commitments are given more significance than any financial or commercial objective.



Manufacturing technologies, such as welding, play an important role in shaping the economy of a nation. India has an illustrious history of welding - the iron-pillar at Delhi, a masterpiece of forge-welded fabrication, bears testimony to the skill and advancement of welding techniques as early as 301 AD.

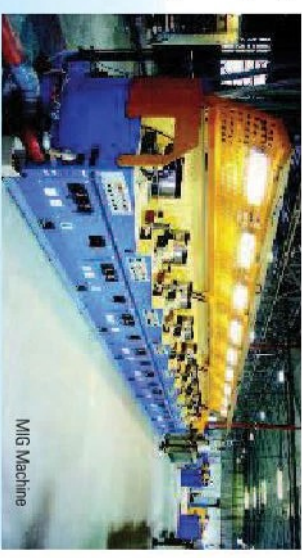
A culture of commitment

ISWP has more than 800 employees on its rolls and has a vast infrastructure which includes a township with more than 800 houses, a school with more than 2500 children, a 20-bed hospital, Sports Complex, Water Purification Plant, etc. The company has a commendable safety record, and is focused on CSR and Environment and Health for all stakeholders, including local communities. Over the years the company has undertaken various improvement initiatives, the major ones being TPM (Total Productive Maintenance), Safety Excellence Journey, Climate Change Initiatives, etc. The organization is blessed with a loyal workforce which is highly committed, involved and dedicated.



Sparking a revolution in quality

ISWP has re-launched its range of Stick Electrodes and MIG Welding Wire which are being marketed under the brand name 'SPARK'. With its wealth of experience and expertise in the welding consumables industry, coupled with the latest technology, ISWP products are uniquely positioned to meet the most exacting needs of the industry.



MIG Machine



Pan view of Tata Steel plant at Jamshedpur



UNIVERSAL PRECISION SCREWS





Company Introduction



- ✓ Established : 2006
- ✓ Plot Area : 40,000 m²
- ✓ Total Covered Area : 26000 m²
- ✓ Employees : 450

- ✓ Product Range : High Tensile Safety
- ✓ Critical Fasteners M 1.3 to M 48 & high Precision Machining Components
- ✓ Installed Capacity : 9,000 MT
- ✓ Actual Production : 5,600 MT



POLYMER INDUSTRIES

**High wear resistant plastics
for uninterrupted,
trouble-free material flow
and new solutions to problems**



GEARED TOWARDS EXCELLENCE

Polyslick

POLYMER INDUSTRIES INDIA LIMITED is a part of **DS GROUP** in Hyderabad and manufacturer of UHMWPE PRODUCTS — Ultra High Molecular Weight Poly Ethylene Products. Polymer Industries is exclusively manufacturing UHMWPE as a conscious step to ensure unadulterated, good quality products.

The Manufacturing facility at Hyderabad set up in 1993 as **SOLIDUR PLASTICS LTD** in Technical and Financial Collaboration with **SOLIDUR**, Germany, changed its name to **POLYMER INDUSTRIES INDIA LIMITED** in June 2004 as the wholly owned subsidiary of **POLYMER INDUSTRIES USA**.

In 2015 stocks of the Indian operations were bought over by the owners of **DS GROUP** having over 25 years expertise and experience in running an Engineering Industries in Hyderabad, Telangana.

Notwithstanding the change in name or ownership, the long tradition of Technical Proficiency and customer satisfaction continues to be in focus.



THE PROBLEM

Bulk materials don't always flow reliably. They compact, rathole and arch... and results can be costly. Production shuts down. Work hours are wasted and safety is compromised. Business comes to a standstill. But you can achieve mass flow and set your business moving again.

The solution

POLYMER INDUSTRIES High Performance Linings Polyslick low surface friction promotes flow of cohesive, non-free-flowing bulk materials. Its unique surface permits shallower hopper wall angles in new construction design. Polyslick improves performance of existing structures with linings on interior surface of chutes, hoppers and process equipment. Linings are mechanically fastened to substrates of steel, stainless steel, concrete, gunite and wood.



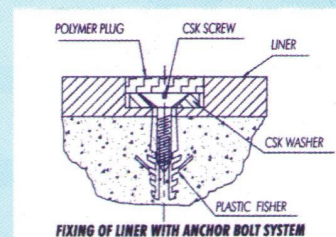
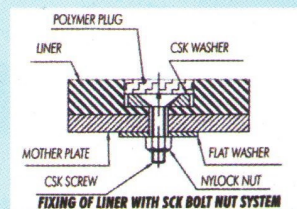
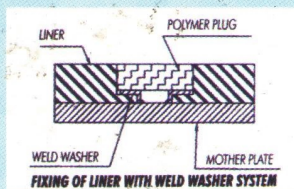
Engineering firms and flow consultants worldwide specify Polyslick linings more often than any other polymer. The Polymer Industries team continues to pursue formulations and testing to assure the finest performance in the market.

Project Analysis The Polymer Industries team will study your specific applications, your bulk materials, your equipment and your environment. Using a database compiled from applications throughout the world, they will assist in selecting the optimum product and installation method for your equipment.

Design Services CAD drawing of the design and installation concepts are used to CNC machines for accurate fabrication of **Polyslick** components.

Global Installation Services The Polymer Industries team is prepared to offer complete turnkey installation anywhere in the world, or assistance from your nearest authorized installer.

Fixing Arrangements



Grades Available

POLYMER INDUSTRIES has developed various grades, which are patented. These grade are identified by the colour codes as follows:

Poly slick XL	Blue	Poly slick UV Stabilized	Yellowish white
Poly slick Naturals	White	Poly slick BL	Black Mosaic
Poly slick Antistatic	Black	Poly slick VR	Black
Poly slick Fire Restardant	Pale Cream	Poly slick WR	Red
		Poly slick CI	Brown

Comparison of dynamic coefficient of friction on mild steel

Lubricant	Mild Steel	POLYMER INDUSTRIES
Dry	0.25 - 0.35	0.12 - 0.20
Water	N.A.	0.05 - 0.10
Oil	N.A.	0.03 - 0.08

Comparison of abrasion resistance of **Poly**slick vis-a-vis others

Materials	Relative Wear
POLYMER INDUSTRIES	15
Abrasion resistant steel	55
Stainless Steel	84
Carbon Steel	100

Typical properties of **Poly**slick material

PHYSICAL PROPERTIES	Unit	Test Method	Test Value
• Density (of the Homogenously pressed material)	g/cm ³	DIN 53479	0.93-0.94
• Average molecular weight	g/mol	-	> 4.0X 10 ⁶
• Melt index MFI 190/15	g/10 min	DIN 53735	NIL
MECHANICAL PROPERTIES			
• Yield stress	N/mm ²	DIN 53455 ISO 527 Testing rate 50 mm/min	≥ 17
• Tensile at break	N/mm ²		> 30
• Elongation at break	%		≥ 300
• Ball indentation hardness 30 sec value test load 365 N	N/mm ²	DIN ISO 2039 Part 1	>30
• Shore hardness D	-	DIN 53505	65 ± 3
• Notched impact strength (IZODIC)	MJ/mm ²	DIN 53453	No failure
• Wear by the sand-slurry method (based on HOECHST)	Mg.	Internal test method (24hr at 1200 RPM quartz sand of particle size 0.2 - 1.0mm)	100 (max)

Advantages of **Poly**slick products

- Excellent abrasion resistance
- High impact strength
- Self-lubricating
- Low coefficient of friction
- Water repellent
- Corrosion resistance to acids, alkalis & chemicals
- Resistance to stress cracking
- Easily machinable

Bulk material handled

- ABS resin
- Animal feed
- Anthracite culm
- Bauxite
- Bituminous coal
- Brown and black coal
- Charcoal
- Chemical powders
- Copper concentrate
- Dust
- FGD sludge
- Fly ash
- Foundry sand
- Grains
- Gypsum
- Iron ore
- Kaolin clay
- Lignite coal
- Lime
- Limestone
- Nickle ore
- Peat
- Pesticides
- PET resin
- Phosphate
- Potash
- Prilled uria
- PVC resin
- Salt
- Sand
- Silica sand
- Sinter
- Soap detergent
- Sub-bituminous coal
- Synthetic gypsum
- Titanium dioxide
- Waste coals
- Wood chips
- Zinc concentrate
- Zinc oxide

Applications

- Chutes
- Hoppers
- Bins
- Bunker
- Silos
- Vibratory feeders
- Vibrating bin dischargers
- Slider beds
- Conveyor skirting
- Belt scrappers
- Under chain wear strips
- Drag conveyors
- Chain conveyor flights
- Dragline bucket liners
- Bucket liners for reclaimers
- Front-end loader bucket liner
- Off-road truck bed liners
- Self-unloading ships
- Rail car liners
- Dust collectors
- Cyclones
- Rail cars

Temperature range: -450°F to +194°F (-268°C to +90°C)



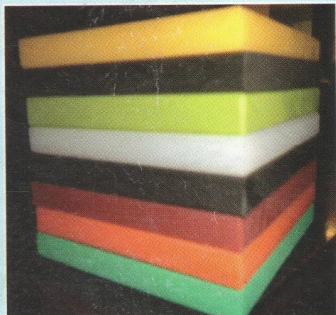
END USE INDUSTRIES

POLYMER INDUSTRIES products find applications in the following industries:

* Power Stations * Steel plants * Ceramics industry * Lignite open-pit operations * Grain handling
* Foundries * Salt * Briquetting plants * Preparation plants for coal, ore and other minerals * Metallurgical plants and foundries * Fodder concentrate plants * Transport storage facilities * Cement industry * Fertilizer plants * Pit digging plants * Rail wagons dumpers and lorries for fine materials * Selfunlocking ships * Flour mills * Oil extraction plants * Glass * Clay * Lime Stone * Food Processing Animal Feed * Ports etc.

RANGE OF UHMWPE PRODUCTS

Sheets



Discription : Min 10mm - Max 200mm thickness in different colors. Length and width as per our standards.

Liners



Liners



Liners



Discription : We have sophisticated infrastructure to design and manufacture any critical components in UHMWPE as per customer requirement.



POLYMER INDUSTRIES INDIA LIMITED

Regd. Office & Works:

Plot Nos. 160 A&B, 160 C&D, 161 C&D, Phase II, IDA Cherlapally, Hyderabad - 500051.
Telangana. India. Tel: 040-27265595

☎ sales@polymerindustries.co.in - + 91 9346202008 ☎ tanveer@polymerindustries.co.in - + 91 9391378007

☎ dsreddy@polymerindustries.co.in - + 91 9440039970, + 91 8919592622 ☎ sales1@polymerindustries.co.in - + 91 9100016332

☎ east@polymerindustries.co.in - + 91 9121009095 ☎ west@polymerindustries.co.in - + 91 9573891010

☎ south@polymerindustries.co.in - + 91 9652641010

www.polymerindustriesindialimited.com



ABOUT RALLIWOLF

Ralliwolf is a name to reckon with in the Power Tools Industry. The company pioneered the manufacturing of Power Tools in India more than 55 years ago in collaboration with Wolf, UK. Today, its been five decades of relentless quest that the company has been providing complete solution in power tools space and is truly a time tested brand in the industry.

The products of the company are manufactured in the state-of-the-art plant with contemporary sophisticated technology and highly experienced engineering team. The company aims to excel in the field and enlarge its capability continuously in the value chain through design, engineering, planning and implementation.

Ralliwolf has a pan Indian presence and is having sales, service team spread across the country with offices in 22 cities of the country.

In pursuit of excellence the company has further specializes in providing solution in the space of "Special Purpose Motors". These are being used in circuit breakers, welding machines, switch gear, printing machine and other applications. We also make customised motors as per the customer's requirement. We value personal relationship as the cornerstone for winning the clients support. The customers of Ralliwolf ranges from big industrial giants like L&T, Tata, Reliance, Siemens, to a small workshop.

The strength and success of the company depends on the spirit of people who serves it, the forerunners of the company truly believes that the company has accenuated the success ladder owing to the spirit and dedication of its strong and loyal engineering team who forever stood by the visions of the company. This has further enabled the company to foray into pneumatic tools and welding equipments and has been flourishing very fast in this segment. The company provides complete welding solutions.

The company is all set to weave a tapestry of phenomenal success, face the challenges of a fast growing country like India and to provide value for money to its customers.

VISION & MISSION

VISION

1. To be rated best amongst quality and service for the solutions that we provide to our customers.
2. To introduce innovative value added services in the industry.
3. To lead in the Industrial Power Tools, Pneumatic Tools, Welding Machines and Special Purpose Motors
4. To cater to 100% needs of the customers by introducing total range of products in each segment.

MISSION

1. To develop solutions, which would maximise wealth for our shareholders.
2. To develop and follow business practices, which would induce develop and retain confidence of our business partners and employees.
3. To serve the community by understanding our responsibility towards the society and living up to them.
4. To give the customer - value for money.

RALLI WOLF PRODUCTS



ARC SERIES
ARC 200



ARC SERIES
ARC 400H



THYRISTOR
RT 400/RT 600



DIODE
RD 400, RD 600



FCT SERIES
FCT 300/FCT 450



TIG SERIES
TIG 200 A



MIG SERIES
MIG 400D



MIG SERIES
MIG 400IJ



AIR PLASMA CUTTING
CUT 60G



AIR PLASMA CUTTING
CUT 100IJ



SUBMERGE ARC WELDING
MZ1000 / MZ1250





About Us

In 2015, the brand “Jhalani” was acquired by Ferretero Tools L.L.P. Today, the company has production and marketing sites in ten cities across India and overseas. Efforts are being made to continuously to maintain and upgrade the standards of quality as per the current International standards.

We are also pleased to inform you that our company is an ISO 9001-2015 (Quality Management System) certified company, which further emphasizes the fact of our constant endeavor towards delivering total customer satisfaction.

We have marketing/sales offices at Delhi, Mumbai, Chennai, Hyderabad, Kolkata, Gurgaon, Jalandhar, Ahmadabad and Jaipur and Overseas Marketing office at Dubai. We have strong and experienced team of Sales persons to give full support to our valued customers.

Our group has manufacturing plants at Jalandhar, Roorkee, Noida, Greater -Noida, Pune, Chennai & Jaipur . Our strong team of experienced technicians supervises all manufacturing capacities to provide our customers with the best quality products.

PRODUCT

