



**BRIGHTEX**<sup>®</sup>  
Sealing, since 1977



# CUSTOMIZED RUBBER PARTS



**ISO 9001**  
Quality

**ISO 14001**  
Environment

**OHSAS 18001**  
Health & Safety

[www.brightindotech.com](http://www.brightindotech.com)

vision 2020  
Brochure

### Research & Development

We realize that we are working in an era of Global competition and we need to be ahead of others in the terms of price, quality and innovation. We believe in improving our product range, quality and design continuously to keep pace with the dynamically changing trends. To accomplish this aim, our team of professional people is constantly having an eagle eye on the innovative designs, trends, coloration currently prevailing all over the world.

### Quality Policy

**Manufacturing of rubber components with concept of quality & value for the money to customers.**  
**We are providing import substitute as per customer requirements.**  
**100% on time deliveries of material by effective implementation of QMS.**  
**Continually improving of process and product.**  
**Regular training and updating of the employees.**  
**Enhancing customer satisfaction.**

### Specialization

**Our Specialization is to provide customized solutions according to drawing, samples and specifications**

## About us



The founder of Bright Industries Late Shri R.S. Yadav established in the year 1977 and now under the guidance of our mentor Shri Amit Yadav, we are consistently progressing in our domain area. Our management business dealing has helped us in gaining a commendable position in the international & domestic market.

We, Bright Indotech Pvt. Ltd. formerly known as Bright Industries are well organised manufacturers, suppliers and exporters of a wide range of moulded and extruded rubber products such as profiles, seals, rings and other rubber products as per drawings.

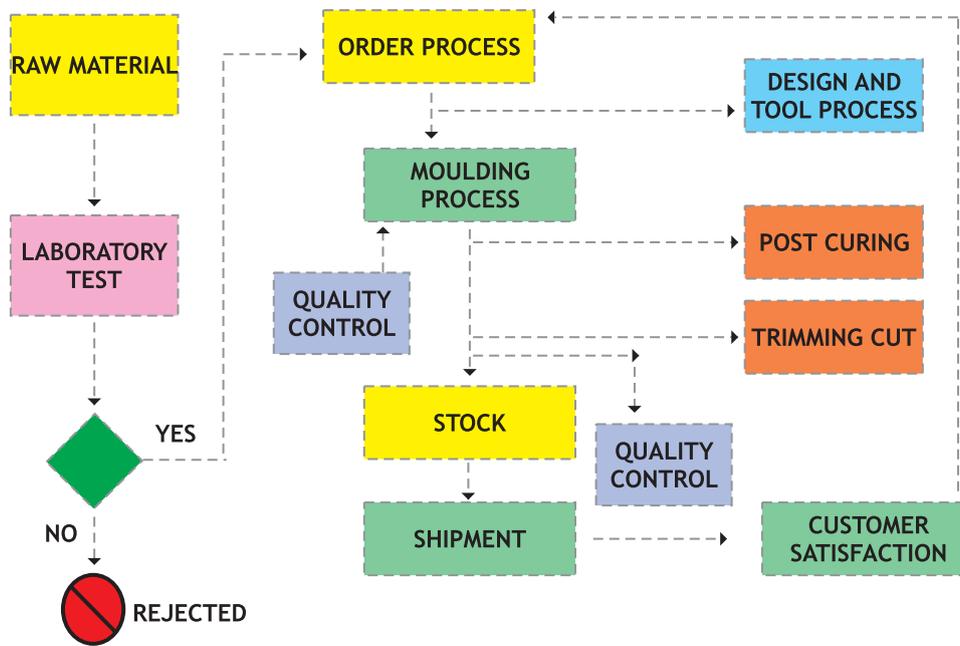
We are an ISO 9001, ISO 14001 and OHSAS 18001 certified organisation that provides high grade products with OEM solutions to various companies. Our range is widely acclaimed for high tensile strength, wear & tear resistance, high adhesion, excellent bonding capacity, long lasting and versatility. These are used by various industrial and commercial applications.

We are backed by dedicated professionals who work efficiently to provide quality range of rubber along with customized solutions to our clients. With our professional approach, scheduled delivery and advanced technology, we have built a strong client base with clients from Gulf and European countries and several other nations.

Apart from this, we have also been able to meet bulk requirements of our clients and have enabled us to produce millions of parts per day.

## Our Technical Collaborations


# Production Flow Chart



## Our Machineries



CNC SEAL MAKING



COMPRESSION MOULDING



CV LINE EXTRUSION



RUBBER INJECTION MOULDING



KNEADER



MIXING MILL



MUFFLE FURNACE



IRHD HARDNESS TESTER



TENSILE TESTING MACHINE



PU CASTING



VMC



COMPRESSION MOULD

## Products at a glance



CUSTOM MOULDED RUBBER PARTS



OIL SEALS



CUSTOM EXTRUDED RUBBER PROFILES



O RINGS



QUAD RINGS



SLITTING LINE SPACERS



SILICONE RUBBER PROFILES



INDUSTRIAL RUBBER PRODUCTS



AUTOMOTIVE RUBBER PRODUCTS



EPDM PROFILES



EPDM CO-EX PROFILES



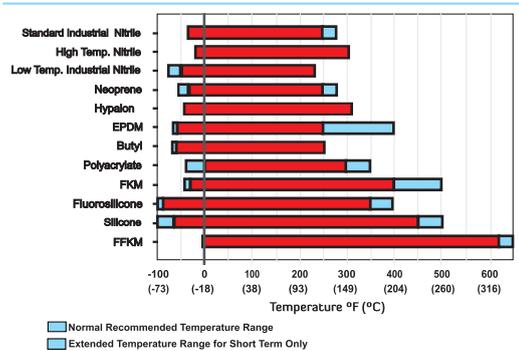
PIPE TESTING SEALS

# Material Selection Chart

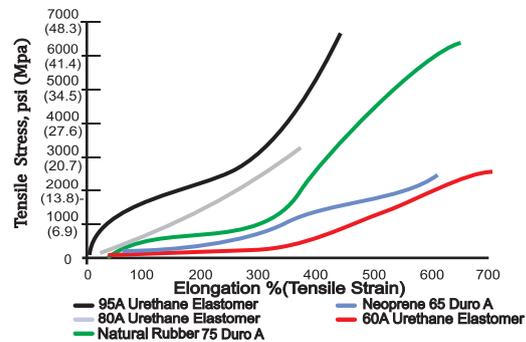
General Properties	Natural Rubber	Styrene Butadiene	Butyl	Ethylene Propylene	Neoprene	Nitrile	Silicon	Hypalon	Urethane Rubber	Epichlorohydrin	HNBR	Fluorocarbon	Fluorosilicon	Polyurethane
<b>Tensile Strength-Range:</b>														
Hardness Range(Shore A)	20-90	40-90	40-75	30-90	10-95	20-95	10-85	40-95	10 A to-80D	40 to-95	70 to-90	50 to-95	40 to-80	30-95
Specific Gravity (Base Material)	0.93	0.94	0.92	0.86	1.23	1.0	1.1-1.6	1.12-1.28	1.06	1.36/1.27	0.98	1.85	1.3-1.8	1.1-1.15
Tear Resistance	Good	Fair	Good	Good	Good	Fair	Poor	Fair	Excellent	Fair	Good	Fair	Fair	Excellent
Abrasive Resistance	Excellent	Good	Good	Good	Excellent	Good	Poor	Excellent	Outstanding	Good	Good	Good	Good	Excellent
Compression Set	Good	Excellent	Fair	Good	Fair to Good	Good	Fair	Fair	Good	Fair	Good	Very Good	Fair	Good
<b>Rebound:</b>														
Cold	Excellent	Good	Bad	Excellent	Very Good	Good	Excellent	Good	Poor@70°	Poor/Fair	Good	Good	Excellent	Fair
Hot	Excellent	Good	Very Good	Excellent	Very Good	Good	Excellent	Good	Good@R.T.	Poor/Fair	Very Good	Excellent	Good	Fair
Dielectric Strength	Excellent	Good	Excellent	Excellent	Very Good	Poor	Good	Excellent	Excellent	Good	Fair	Good	Good	Excellent
Electrical Insulation	Good to Excellent	Good	Good to Excellent	Good	Fair to Good	Poor	Excellent	Good	Fair	Fair	Fair	Fair	Very Good	Fair
Flame	Fair	Fair	Very Low	Fair to Poor	Low	Fair	Fair	Low	Fair	Very Low	Low	Very Low	Low	Low
<b>Solvent Resistance:</b>														
Aliphatic Hydrocarbons	Poor	Poor	Poor	Poor	Good	Excellent	Poor	Good	Excellent	Good	Good	Excellent	Fair	Good
Aromatic Hydrocarbons	Poor	Poor	Poor	Poor	Fair	Good	Poor	Fair	Fair to Good	Good	Good	Excellent	Fair	Good
Oxygenated(Ketones, etc.)	Good	Poor	Good	Good	Poor	Poor	Fair	Poor	Poor	Poor	Poor	Poor	Poor	Poor
Lacquer Solvents	Poor	Poor	Poor	Good	Poor	Fair	Poor	Poor	Poor	Fair	Poor	Poor	Poor	Poor
Swelling in Lubricating Oil	Poor	Poor	Poor	Poor	Good	Very Good	Fair	Good to Excellent	Very Good	Very Good	Very Good	Excellent	Good	Good
<b>Resistance To:</b>														
Oil and Gasoline	Poor	Poor	Poor	Poor	Good	Excellent	Fair	Good	Excellent	Excellent	Very Good	Excellent	Good	Good
Animal & Vegetable Oils	Poor to Good	Poor to Good	Excellent	Good	Good	Excellent	Fair	Good	Excellent	Excellent	Very Good	Excellent	Good	Excellent
Water Absorption	Very Good	Very Good	Very Good	Excellent	Good	Fair to Good	Good	Very Good	Good @ 70°F Poor @ 212°F	Good	Very Good	Very Good	Very Good	Fair
Oxidation	Good	Good	Excellent	Excellent	Excellent	Good	Excellent	Excellent	Excellent	Good	Good	Excellent	Excellent	Excellent
Ozone	Fair	Fair	Good	Excellent	Excellent	Fair	Excellent	Outstanding	Outstanding	Very Good	Very Good	Excellent	Excellent	Outstanding
Sunlight Aging	Poor	Fair	Very Good	Very Good	Very Good	Poor	Excellent	Outstanding	Outstanding	Good	Very Good	Very Good	Very Good	Good
Heat Aging	Fair	Fair	Good	Excellent	Good	Very Good	Outstanding	Excellent	Fair	Very Good	Excellent	Excellent	Excellent	Fair
Flame	Poor	Poor	Poor	Poor	Good	Poor	Fair	Good	Fair	Fair/Poor	Fair	Good	Fair	Fair
Heat	Good	Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Good	Very Good	Excellent	Outstanding	Good	Good
Cold	Excellent	Good	Good	Excellent	Good	Good	Excellent	Good	Excellent	Fair/Good	Excellent	Good	Excellent	Excellent
Temperature Range(°C)	-55+90	-50+100	-40+120	-50+150	-40+100	-40+100	-60+200	-20+120	-25+100	-40+120	-25+150	-20+200	-60+175	-25+100
Major Attributes:	Resilience	General Purpose	Air Retention	General Purpose	Oil & Gas Resistance Weatherability	Oil Resistance	Heat Resistance	Color Retention Weatherability Ozone Resistance	Abrasion Resistance Load Bearing Characteristics	Heat, Oil, Fuel Resistance	Chemical, Oil, Fuel Resistance	Heat Resistant, Excellent Solvent & Chemical Resistance	Low Temperature Flexibility, Fluid Resistance, Ozone Resistance	Highly Abrasion Resistant Load Bearing Cut Resistant Shock Resistant
ASTM D-2000 Classification	AA	AA	AA	DA	BC	BG	GE/FE	CE	BG	DK	BF	HK	FK	AU / EU

## Comparison Charts

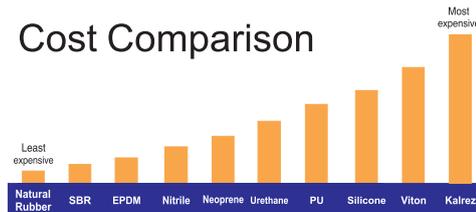
### Temperature Capabilities of Elastomers (dry air)



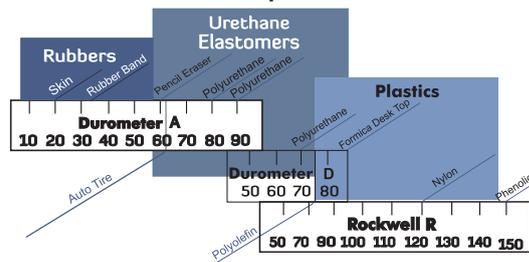
### Tensile Strength Comparison



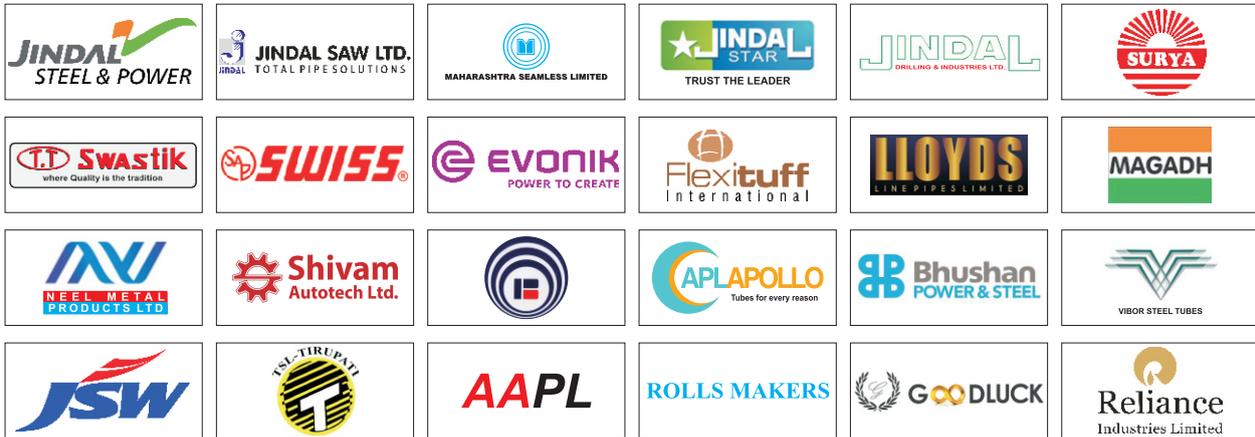
### Cost Comparison



### Hardness Comparison



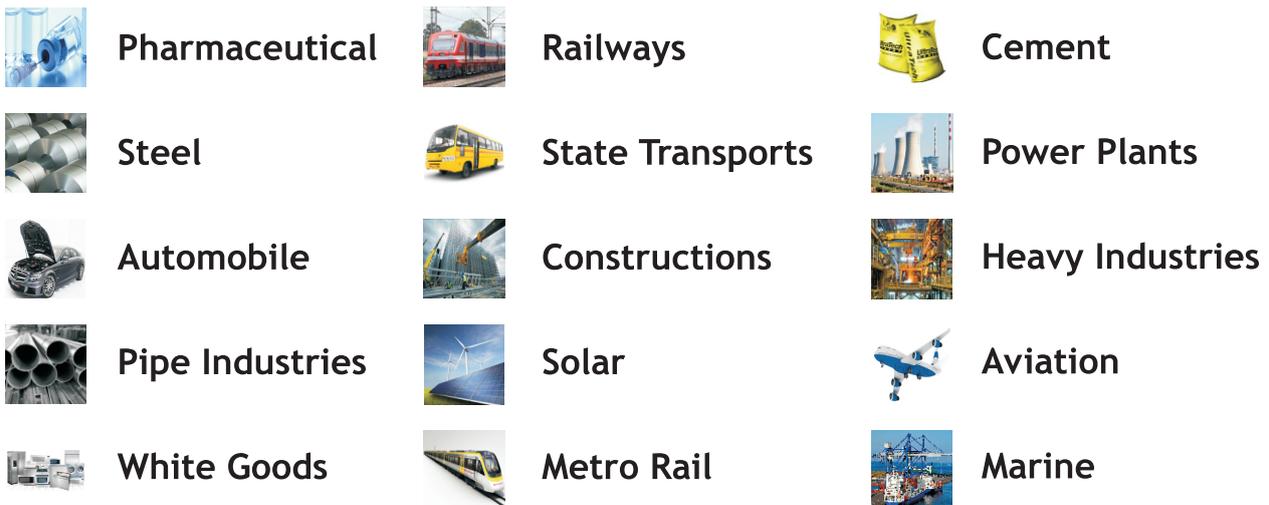
## Our Clients



## Our Overseas Clients :



## Industries being served



## Our Certifications



## GLOBAL PRESENCE



America | Europe | Africa | Middle East | Asia



### **BRIGHT INDOTECH PVT. LIMITED**

An ISO 9001, ISO 14001 & OHSAS 18001 Certified Co.

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