



BRIDGING GAPS

Industries such as automotive, wire and cable, chemical processing, semi-conductor, aircraft, adhesives, plastics, general rubber and construction are growing rapidly and so are their requirements for high-performance elastomeric materials. To keep pace, customers are looking to work with a company that offers the solutions that will help their business grow. We provide these solutions.



We are Bhimrajka Impex Limited (BIL), a part of Bhimrajka Impex Group (BIG). Incorporated in the year 1990 BIL has achieved its place in the market place as a leader in a very short span of time. **Today, we are the largest distributors of Polymers, Chemicals and Performance Elastomers in India.** We have achieved this position as a basic business belief that our responsibility is to our customers and suppliers and to the integrity of our contracts. **We provide what we promise.**



Comprehensive marketing infrastructure and years of experience in Rubbers & Plastics industry makes BIL a leader in its field. That is the reason why some of the worlds largest chemical companies, such as Dupont-Dow Elastomers, have chosen BIL to be their strategic partners to cater to the needs of the vast Indian market.

Vitally important to our corporate strengths are the close relationships we maintain with the manufacturers and suppliers whose products we market. These relationships are inextricably linked to technical assistance and cooperation we receive from our manufacturers.

At BIL, our quest is total customer satisfaction. That is why we are relentlessly looking for ways to delight our customers. A quest that has resulted in enabling us to match every possible polymers need with our wide product range. With the support of our enormous customer base, backing of our various principals, our history & our vision, we continuously advance ourselves to provide the best quality and service to our customers and to jointly create a bright future. **A BIG future.**

# OUR PRINCIPALS

## 1930s

**Neoprene** - Polychloroprene was world's first commercial synthetic elastomer having resistance to heat, oils, oxidation, weathering and ozone. It is still a top performer today in a myriad of applications such as hoses, belting, adhesives, wire & cable, and other extruded and molded goods.

## 1950s

**Hypalon**® - Chlorosulfonated Polyethylene shows its strength when exposed to high temperatures and oxidizing chemicals. It has excellent resistance to ozone, weathering, oils, chemicals, flex cracking and abrasion. This accounts for its success in roofing, belting, heavy-duty cable jackets, oil and chemical hoses, rollers, and tank lining applications.

**Viton**® - Fluoroelastomer is the world's first and most specified fluoroelastomer. Widely used in fuel system seals and hoses, O-rings, shaft seals, and gaskets. Viton offers excellent resistance to heat, fuels and chemicals. It has worldwide ISO 9000 registration.

## 1960s

**Nordel**® - The world's first EPDM delivers long service life for wire & cable insulations, steam and chemical hoses, tubings, and profiles.

**Tyrin**® - Chlorinated polyethylene offers excellent compatibility with other polymers. Flame retardant, with good resistance to heat and weathering, it performs well in construction, wire and cable, appliance cords, cable sheaths, hoses, flexible magnets and a wide variety of other plastics modification applications.

## 1970s

**Kalrez**® - Perfluoroelastomer parts are made by DuPont Dow Elastomers and offer the utmost heat and chemical resistance. Kalrez® parts are ideal for demanding applications in chemical processing, semiconductor and aerospace. They are available in standard or custom shapes.

## 1980s

**Acsum**® - Alkylated Chlorosulfonated polyethylene offers low cost and high performance for the automotive timing belt market. Demonstrating outstanding flexibility, abrasion and ozone resistance over a broad temperature range. Acsum has been specially developed for poly-V belts, timer belts, and special hoses.

**Viton**® **FreeFlow** Process additives are uniquely designed to eliminate melt fracture, reduce die build up and improve overall processing for polyolefin users and producers.

## 1990s

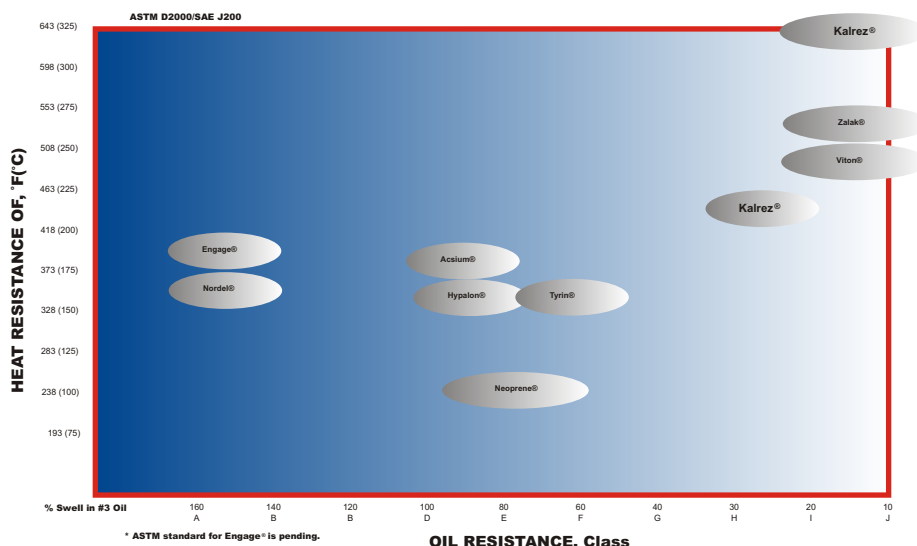
**Engage**® - Polyolefin Elastomers offers the best of all worlds; performing like elastomers and processing like thermoplastics. Based on the proprietary INSITE™ catalyst technology, Engage makes possible improvements in processing, impact modification and many automotive and consumer goods application. Engage bridges the gap between rubbers and plastics, and performs effectively in cross-linked applications, such as halogen free cable insulations, lightweight footwear soles and insoles/mid-soles.

**Nordel**® **IP** - is the world's first metallocene ethylene-propylene-diene terpolymer (EPDM), based on the proprietary INSITE™ technology. Consistency and cleanliness makes Nordel® IP ideal for use in industrial hoses, impact modification, weather-stripping and many other applications.

**Aquastik**® - A new range of Neoprene liquid dispersions developed for water borne, environmental friendly adhesives.

## 2000s

**Nordel**® **MG** - The world's first, gas-phase, black incorporated, granular EPDM, now with metallocene technology, offering advantages in mixing and processing of profiles, weather-strips, hoses, and butyl tubes.



**R. T. Vanderbilt Company, Inc.**  
INDUSTRIAL, METALS AND CHEMICALS



## R. T. Vanderbilt CO., Inc.-USA

R. T. Vanderbilt, a company well known for specialty rubber chemicals and its technical services, offers a range of accelerators, antidegradents, fillers & auxiliaries for rubbers as well as latex processing industries. With over 200 products for the rubber industry, and more than 75 years experience, RTV is recognized globally as a leading supplier of products for the industry, while continually meeting customer expectations for quality and service.

- Accelerators:-** Vanax®, Tuads®, Zimates®, etc.
- Antioxidants:-** Vanox®, Agerite®, Antozite®, etc.
- Cross-linking Agents:-** Varox®, etc.
- Latex chemicals:** Darvan®, Setsit®, etc.

## ROHM & HAAS - USA

Founded in 1889, this multi-product company offers a complete range of rubber-to-metal bonding agents, flocking adhesives for rubber & thermoplastic profiles, and specialty lacquers and coatings for plastics, metals & glass. Some of their key products are the protective lacquers for the CD, CD-R, and DVD industry.

- Thixon®:-** environmentally friendly rubber to metal bonding agents.
- Polyflock®:-** Flocking adhesive for EPDM, & PVC profiles.
- Rengolux®** Lacquers for CD, CD-R, DVD.
- Aquapell & Ercopell® Peeling lacquers for CD



## Dead Sea Periclase Ltd.



## DEAD SEA PERICLASE LTD., ISRAEL

DSPL manufactures superior quality magnesia products for the rubber, plastics, chemical, and refractory industries. Located at the shore of the Dead Sea in Israel, famous for its vast reserves of concentrated brine, DSPL is one of the largest manufacturer of magnesium oxides and hydroxides of high purity. DSP's active magnesia is essential for all halogenated polymers in the rubber, adhesives & plastics field. Magnesium hydroxide is an efficient non-halogenated flame retardant and smoke suppressant in many polymers:

RA 150: highly active magnesia

RA 40: medium activity magnesia.

FR Mg(OH): magnesium hydroxide for flame retardancy.

BMC: basic magnesium carbonate for pharma, cosmetics, & food-additive products

# OUR PRINCIPALS



## CRUSADER CHEMICAL CO. INC., USA

Crusader Chemical Co has been a manufacturer and supplier of dewebbing and defoaming agents for the latex industry. These are used in the process of making medical, surgical and household gloves, balloons, condoms, & other latex dipped goods based on natural or synthetic rubber latex. The defoamers also have application in inks, paints, adhesives, and waste-water treatment plants.

**Webnix Emulsions:** dewebbers & defoamers for NR & SR latex.

**Freesils:** silicone free products.

**Consils:** protein free products.

**Coag Plus:** silicone free and protein free additive to coagulant and latex.

## NIPPON ZEON CO. LTD

## NIPPON ZEON CO.,LTD.

Nippon Zeon Co., are manufacturers of hydrocarbon resins used in various industries, and are considered to be one of the largest in this field. Their range of C5 and C9 resins are used as tackifying agents in rubber processing, hot melt pressure sensitive adhesives, and in hot-melt road marking paints.

Nippon Zeon also offer Styrene- Isoprene- Styrene (SIS) block polymers in a wide range of molecular weight and styrene contents.

**Quintone®:** Hydrocarbon resins (C5 & C9)

**Quintac®:** SIS block copolymer

**Quinhard®:** Acid anhydride



## Cabot

CABELEC Conductive Compounds

Cabelec compounds are carefully formulated products, made from conductive carbon black and thermoplastic resins. They are based on a large variety thermoplastic polymers and are designed to fulfill specific requirements related to electrical, rheological and mechanical properties.

A variety of CABELEC compounds, are available for different processing techniques such as blown film extrusion, sheet and profile extrusion, injection moulding, blow moulding etc.



## Merquinsa



The fourth largest TPU manufacturer in the world. Merquinsa covers a full range of thermoplastic polyurethane elastomers (TPUs) for extrusion, injection moulding and compounding applications. PEARLTHANE TPU are used in a wide variety of technical applications, such as highly flexible films, abrasion resistant hoses, soft touch injection moulded parts or special compounds





## ADHESIVES:

Elastomers such as Neoprene, Hypalon®, and Viton® provide adhesives manufacturers with high-performance solutions for both water-based and solvent-based adhesives.

## INDUSTRIAL GOODS:

DuPont Dow Elastomers are used across a wide range of general manufacturing applications.

## AEROSPACE:

Aerospace applications involve demanding sealing environments where reliability is critical. Kalrez® perfluoroelastomer parts and parts made of Viton® fluoroelastomer provide high performance in jet turbine engines and other vital aerospace applications.

## OIL AND GAS:

Kalrez® parts stand up to severe down hole conditions, from high pressures and temperatures to aggressive sour gas and corrosive fluids making them true performers in critical oil and gas applications in these harsh environments.

## AUTOMOTIVE:

DuPont Dow products go the distance in today's demanding automotive applications. Along with proven Viton® fluoroelastomers for hoses and seals, Hypalon®, Acsum®, Tyrin®, Neoprene, Nordel® IP and Engage® are available to meet a vast array of specifications.

## PLASTIC MODIFICATION:

DuPont Dow Elastomers products like Engage®, Tyrin®, and Viton® FreeFlow™ provide manufacturers with high performance solutions to challenges in plastics modification, from PVC modification to new technologies for TPO blends.

## CHEMICAL PROCESSING:

DuPont Dow products provide dependable long-term service in the chemical processing industry, including petroleum refining, agricultural chemicals, pharmaceuticals and polymer production.



## PROCESS ADDITIVES:

Whether you're a resin designer, compounder, or converter, Viton® FreeFlow™ opens the door to new possibilities in processing linear low-density polyethylene (LLDPE), high-density polyethylene (HDPE), and metallocene resins.

## CONSTRUCTION:

Products such as Hypalon®, Neoprene®, Tyrin®, Engage® and Nordel® IP manifest inherent strength and resilience, allowing the construction industry to turn to DuPont Dow products for everything from roofing and window gaskets to floating covers for reservoirs.

## SEMI-CONDUCTOR:

Kalrez® has been extensively field-proven in the manufacture of semiconductors, where processing steps involve both thermal and chemical extremes. Kalrez® provides seal integrity and process purity backed by more than a quarter century of success.

## CONSUMER GOODS:

Engage® polyolefin elastomers deliver predictable properties, consistent performance and superior processing capability for the makers of durable consumer products, molded goods, footwear, and sporting goods.

## WIRE AND CABLE:

DuPont Dow's large product portfolio for the wire and cable industry includes Engage®, Hypalon®, Neoprene®, Nordel®, Tyrin®, and Viton®. Together they meet virtually all jacketing requirements in the low and medium voltage category.

## FOOD AND PHARMA:

In pharmaceutical and food processing sealing applications where cleanliness is critical, Kalrez® parts offer the highest level of cleanliness and universal chemical resistance, while maintaining true elastomeric properties and sealing capabilities.

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

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