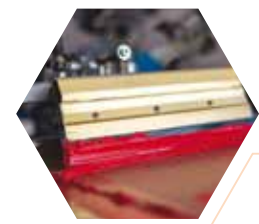




***notedome***<sup>TM</sup>  
URETHANE SYSTEMS

Why **Compromise**  
when you can **Optimise**?

Design and Manufacture of bespoke polyurethane elastomer systems.



NOTEDOME Limited specialise as designers and manufacturers of high-performance polyurethane pre-polymers and polyurethane elastomer systems. We have had a strong reputation as a leading supplier of this versatile technology for over 40 years.

Our strong focus on cast urethane elastomers in conjunction with the support of our parent company, Manali Petrochemicals LTD, makes Notedome a valuable partner for your business

As engineering advancement demands innovative solutions, Notedome have designed and optimized polyurethane chemistry to meet specification and process demands to meet our customers' engineering requirements.

Providing bespoke polyurethane solutions to our customers is a passion of the Notedome team, as demonstrated by their enthusiasm for providing excellent customer service. We begin by understanding the application needs, translating them into the polymer system's physical attributes, and delivering the final solution that will deliver value.

Notedome's motivation to develop relationships allow them to understand their customers' needs and challenges, while improving clients' knowledge about cast elastomer formulations, and helping their customers achieve their goals.

Utilising a modular approach in the design of our production facility, we maximise its flexibility through a permutation of reaction and blending vessels that cover a broad range of capacities.

**This allows Notedome to be a development and manufacturing partner of choice.**

Versatile formulation and production capability, a keynote in urethane chemistry. This versatility allow our customers the choice of technology that will meet the application need. TDI, MDI and Aliphatic isocyanates along with a wide range of polyols and curatives provides an extensive **NEUTHANE™** product range.

Scalable production capacity is a cornerstone to our flexible service. Developing innovative urethane chemistries in a fast-moving and optimised manner is our speciality.

Combining this with the capability to produce scaled production quantities that are appropriate to support either developing accounts or a new application helps our customers develop prototypes quickly.



Our flexible approach extends to toll manufacturing of customer formulations that are free from flammable solvents.

Optimised production planning means we can manufacture and deliver with short lead times allowing our customers the opportunity to reduce inventory.

Well-equipped laboratories, prototyping facility and an innovative technical team provide the fundamental principle of our no compromise but tailored polyurethane cast elastomer design and process development.

Global experience of the technical team members with TDI and MDI systems combined with a versatile production unit and a can-do attitude allows original and bespoke grades to be the cornerstone of new ideas and applications.

Our customer centric approach to cast polyurethane elastomers means that we can help through the whole development cycle.

- Material identification using both internal and externally sourced analytical methods.
- Physical property measurement
- Rapid material characterisation to assist with process troubleshooting.
- Product optimisation to meet customer application and process needs.
- Product sampling and proving trials at customer premises or with industrial scale dispensing machinery in our prototyping facility.



- TRANSPORTATION
- AGRICULTURE



## APPLICATIONS

- Aircraft Chocks
- Belts and Conveyors
- Bump Stops
- Castors, Wheels & Pulleys etc.
- Conveyor Rollers
- Dunnage
- Feed Machinery
- Harvester Equipment
- Hopper Protection
- Idler Wheels
- Material Handling Components
- Mounts
- Nozzles
- Pipe Coatings
- Protection Systems
- Pulleys
- Rollers
- Scrapers
- Seals
- Suspension Bushes
- Troughs

## AEROSPACE / TRANSPORTATION

There is a need for solutions that will make transportation lighter, safer, and more energy-efficient - for aeroplanes, cars, lorries, and railways.

In addition to bringing polyurethane solutions that are good for individuals, businesses, and the environment. Notedome polyols are sold under the **NEUTHANE™** product range.

## AGRICULTURE

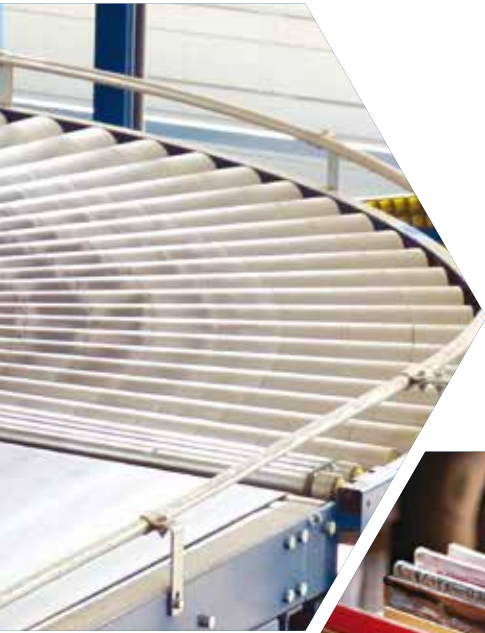
Polyurethane is increasingly being used in agriculture because of its durability, hardness, and ease of moulding.

Agriculture requires reliable and rugged products to ensure harvest and other farm schedules remain on track.





- INDUSTRIAL / MECHANICAL
- MANUFACTURING / FABRICATION



## APPLICATIONS

**Automated Sorting Systems**

**Bushes**

**Coil Protection**

**Dunnage**

**Drive Belts**

**Glass Protection Systems**

**Jigs and Fixings**

**Material Handling Components**

**Moulds**

**Rollers**

**Roller Coverings**

**Rubber mallets**

**Scrapers**

**Seals and Gaskets**

**Sleeves**

**Squeegee**

**Wear Pads**

**Widgets**

*This is not an exhaustive list of uses, the possibilities are endless.*

## INDUSTRIAL MANUFACTURING / FABRICATION

Cast polyurethane elastomers are an integral partner in the manufacturing and fabrication industry that is taking advantage of the hard-wearing and easily moulded properties of polyurethane to produce engineered components that work unseen in manufacturing machines.

Durable liner materials made of **NEUTHANE™** polyurethanes are resistant to abrasion, cuts and tearing, making them excellent for protecting hoppers and chutes, cyclones and piping from wear and tear.

NOTEDOME polyurethanes are extensively used to manufacture roll covers for numerous manufacturing handling applications. Their universal durability for handling paper, metal and timber or use in finishing applications such as lacquering rolls is renowned.





• MINING & QUARRYING



## APPLICATIONS

- Belt Scraper Blades
- Bend Restrictors and Stiffeners
- Ducting
- Gaskets
- Hydrocyclones
- Materials Handling
- Oil Seals
- Pipe Lining
- Pipe & P.I.G. Cups & Seals
- Protection Systems
- Rotors and Stators
- Screening Decks
- Slurry Pumps

## MINING & QUARRYING

Toughness is a key requirement for materials used in mineral extraction and refinement processes. **NEUTHANE™** polyurethanes withstand continual abrasion from aggressive slurries and resist the countless impacts and erosion encountered in the mining of minerals, rocks and coal. While capable of outperforming steels and rubbers with its durability and abrasion resistance it can also reduce noise levels when the machinery is in operation.



**NEUTHANE™**

*Courtesy of OSV Poland*



- MARINE
- OFFSHORE ENERGY



## APPLICATIONS

- Boat Launch & Recovery Rollers
- Bend Restrictors
- Electrical Components
- Fenders
- Gaskets
- Impellers
- Pipe Ducting
- Protection Systems

## MARINE

Maritime and marine industries benefit from polyurethanes ability to withstand low ocean temperatures and deep-water pressures as well as provide abrasion resistance. NOTEDOME polyurethanes provide resistance to freshwater and seawater impact and abrasion, scrapes and bumps.

Low-temperature flexibility, toughness, durability, and ease of moulding around intricate shapes and designs, make **NEUTHANE™** polymers ideal for the protection of a wide variety of marine structures.

## OFFSHORE ENERGY

Cast elastomers are extensively used in offshore environments to protect cables and pipes from impact, abrasion, and the seawater environment. NEUTHANE prepolymers and systems protect all sizes of components and cables within the renewable energy sector.



*Courtesy of  
Tekmar Energy*



• ENDLESS & DIVERSE

## APPLICATIONS

**Automotive Parts**

**Body Armour**

**Electronic Component**

**Subsea Protection**

**Missile & Armament**

**Nose Cones**

**Tennis-Racquet**

**Handle Grips**

## ENDLESS AND DIVERSE

The possibilities are endless ...

There are various and diverse applications for polyurethane cast elastomers – and more are introduced regularly.

The Notedome Technical team are developing products to meet challenges set by customers over our progressing world.

Meeting the needs of today while protecting future sustainable solutions.

## A GLOBAL SUPPLIER...

NEUTHANE™ products are available worldwide. These durable elastomers are used in many industries serving the engineering needs for a wide range of applications.

We pride ourselves with our responsive service, dealing with you either directly or via our knowledgeable distributors and agents, to provide the answers to your commercial and technical enquiries.

Please see the list of global partners on the distributor page at [www.notedome.com](http://www.notedome.com)

**How can you use polyurethane in your business?**

*We are interested in learning more about your potential applications...*



# GUIDE TO NEUTHANE™ PRODUCTS



	100	100	2100
	TDI		
	PTMEG	PPG: PTMEG	PTMEG Low odour
Bump stops	●		
Bend stiffeners	●		
Bend restrictors			
Cable protection	●	●	●
Concrete moulds			
Concrete printing pads			
Concrete wall formers			
Construction profiles			
Decorative mouldings			
Dunnage			
Gaskets & Seals			●
Hydrocyclones			
Metal finishing	●	●	
Mining	●	●	●
Model making			
Mould making			
Paper converting			
Paper-mill rollers			
Paving stone moulds			
Pipe lining	●	●	●
Pipeline Pigs			
Press blocks			
Pulleys			
Quarrying	●	●	●
Roller coverings	●	●	●
Scraper blades	●		●
Screen decks			
Squeegees			
Stators			
Steel-mill rollers			
Suspension bushes	●	●	●
Wheels	●	●	●

Information contained in the data is, to the best of our knowledge, true and accurate and is for general information purposes only.

200	300	300 CON Cold Cast	400/500	600	700	801 NG/XP	802 NG	803	3100	3200
prepolymers				MDI Full Pre-polymers		MDI Quasi Systems			Prepolymers and systems for Rotational Casting	
PE Ester	PPG	PPG	ALIPHATIC Prepolymers	MDI PTMEG	MDI Ester	PTMEG	Ester	PPG	MDI-PTMEG	MDI-Ester
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*This is not an exhaustive list of our products, if you require something not on this list or application, please contact us...*

