

# URETHANE

## SOLID INDUSTRIAL WHEELS & TYRES

Harsh industrial environments and abrasive wear and tear take their toll on industrial equipment resulting in premature failure, short life and high maintenance costs.

In answer to industry's needs and as Britain's leading specialists in moulding and polymer technology, Watts have developed *Ultrathane*, the trade name for a group of polyurethane elastomers. Possessing superior qualities, Ultrathane is capable of withstanding severe industrial service conditions whilst providing high load carrying capabilities.



### ULTRATHANE 'Plus' KEEPS THE WHEELS OF INDUSTRY TURNING:

- Abrasion Resistant
- Reduced Noise Levels
- Temperature Range From -50C to +120C
- Withstands Heavy Mechanical Abuse Without Tearing or Cutting
- High Load Carrying Capability
- Oil, Grease & Chemical Resistant
- Low Rolling Resistance
- Non-Marking

This superior material is used for the manufacture of press-on-band tyres, taper based tyres, direct bond tyres, pallet wheels and castor wheels, in a wide range of sizes to suit all types of equipment ranging from fork trucks and trailers to mechanised handling equipment and production machinery. Complete wheel units can also be supplied.



## HIGH-LOAD, LONG LIFE TYRES

### FEATURES AND BENEFITS

- Solid long life construction
- High Load Carrying Properties
- Stepped tread design to assist self cleaning
- Abrasion Resistant
- Oil, Grease and Chemical Resistant
- Non Marking



Certificate No. Q 09672  
BSEN ISO 9001:2000



**Watts**  
**Industrial Tyres**

Moving on Success

# HIGH-LOAD, LONG LIFE INDUSTRIAL WHEELS & TYRES:

Watts Urethane supply a variety of sizes from 3" (75mm) to 48" (1200mm) outside diameter

There are 3 grades of polyurethane available, dependant on application requirements;

- **Standard Range**

A 92A shore hardness material with excellent dynamics which is available throughout the size range

- **Premium UltraLoad Range**

A 96A hardness material which gives low running temperatures and low rolling co-efficients from -30C to +110C

- **Vulkollan Range**

Is a Bayer registered polyurethane with outstanding physical properties which is widely used by OE manufacturers.

Watts produces an extensive range of press on band and direct bond tyres and also offers a rebonding service for customers' own wheels.

## Ultrathane 'Plus' Solid Tyres & Press on Bands for Industrial Applications:

Due to Ultrathane's excellent physical properties and resistance to abrasion and wear and tear, Ultrathane 'Plus' tyres can be used with confidence as an alternative to rubber tyres in applications where design features necessitate small diameter heavily laden solid tyres.

## Ultrathane 'Plus' Wheels & Rollers:

Watts manufacture a wide range of wheels and rollers for use in widely varying applications.

FEED WHEELS	Paper Machinery: Woodworking Machinery: Plastic Film Machinery...
SUPPORT WHEELS	Trailers: Work Positioners: Overhead Cranes: Dairy Parlours: Camera Pedestals: Chair/Ski Lifts: Fairground Amusement Equipment: Elevators: Rotary Barrels: Waste Skips: Brick Manufacturing: Half-bridge Scrapers...

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**High Flexibility at an Affordable Price.**



**Watts**  
**Industrial Tyres**

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