# FLEXI-TECH Industries Limited





# Our Company

Flexi-Tech Industries Ltd aims to provide a swift, reputable, reliable and flexible service that meets customers specifications by using a range of products under the Firm's area of skill and expertise, whilst constantly expanding those skills and expertise to ensure employee and customer satisfaction.



# Our History

Flexi-Tech Industries Ltd has been in existence for over 20 years, and was formed upon the closure of Skellerup Industries Ltd's branch section in Palmerston North, which dealt with rubber fabrication and conveyor belt servicing. Mike Buckley, owner/manager of Flexi-Tech Industries Ltd, was a manufacturing manager in the Skellerup branch. He felt there was a need in the region for such services and thus decided to continue his work independantly.

The firm is based in a well sign posted premises in the main industrial area of Palmerston North with appropriate floor size and specialised belting department.

# **Contents**

### **Our Products**

### 1. Conveyor & Mining Products

Features
Lobby-Lag
Mini Lagging 60
Polytuff Tensioned Screen Cloths
Primary & Secondary Belt Cleaner
Tuffply
Skirting Rubber
Screen Capping Strip
Belt Fasteners

### 2. PVC Screens

PVC Curtain Strips Flexible Curtains Head Rails

### 3. Matting

Car / Horse & Cattle Safety Matting Euro Premium Range Vynil Looped Matting Gridmat Polycare Chairmats

### 4. Foam & Sponge

Foam Sheeting Sponge Seals Standard Sponge Sections Ultralon Polyolefin Foams

### **5. Rubber Products**

Specialty Sheet Rubber Rubber Products Standard Extrude Rubber Channel Strips Self Sealing Container Door Seals Barrier Cord / Solvent Tubbing D Fenders Rubber Column Fenders / Rubber Wheel Stops Rubber Boat Trailer Rollers Fabricated Rubber Seals & Components

# **Our Products**

# Flexitech Industries Ltd on-sells, modifies and services a range of items under 4 main areas of business:

- **1.** Conveyor belts, parts and servicing comprise around 40% of total turnover and involve acquiring, fitting and servicing belts.
- **2.** Rubber fabrication and accessories accounts for another 40% and entails making customised rubber coverings and fittings.
- **3.** PVC curtains and doors make up the remaining 20% and are used for weather guards, temperature savers and noise reduction.
- **4.** We are a local Skellerup distributor and carry a full range of their products.

Most of our clients come from industries based in the central and lower North Island region.

# Our range of products and services

### PVC Conveyor and Elevator Belting

Multiply and solid woven belts

Food quality, general purpose, harvesting and processing belts

Package and baggage Handling, cleated, profile and rough top belts

Timber and particle board belts

### PU Conveyor Belts

Chocolate enrobing, biscuit and bread production belts Timber and particle board belts Cut and abrasion resistant belts for meat and poultry processing

### Rubber Conveyor and Elevator Belting

Fabric multiply, ep construction
Heat resistant, timber oil resistant
Rough top incline belts, cleated top cover belts, baler belting
Transmission belts and flexible sidewall elevator/conveyor belts

### High speed power transmission belts

Habasit belts for textile, packaging and printing

### **Belting Maintenance programs**

Plant service and maintenance contracting

### General rubber products

Skirting, drum covering rubber, cleating and channel rubber, neoprene, insertion, nitrile rubber, dairy factory mouldings

### Rubber lining specialists

Chemical tanks, road sweeper trucks, bin linings

### PVC doors and curtains

Rapid roll doors, strip curtains, swingflex doors, bifold doors

### Mats and Matting

Safety matting, rib matting and horse float matting

### 24 hour on site and factory servicing

Belt installation, repair and maintenance, splice kits

# Flexitech - supplying & servicing the following industries:

Agriculture,

Automotive Industry,

Automated Systems,

Baggage Handling,

Baking,

Bed Manufacturing,

Beverages,

Biscuit Making,

Bookbinding.

Bottling,

Breweries,

Brick & Tile making,

Canning,

Chemicals,

Clothing Industry,

Confectionary & Chocolates,

Dairies,

Electronics,

Fish Processing.

Frozen Food & Cold Storage,

Fruit & Vegetable handling,

Furniture Industry,

Glass & Insulation,

Hospitals,

Laundries,

Letter & Parcel handling,

Lumber Industry,

Mail order & Warehousing,

Meat & Pie Processing,

Packaging,

Paper Converting,

Pet Foods,

Pharmeceuticals,

Poultry Processing,

Printing.

Snackfood Industry,

Soap Manufacturing,

Sugar Processing.

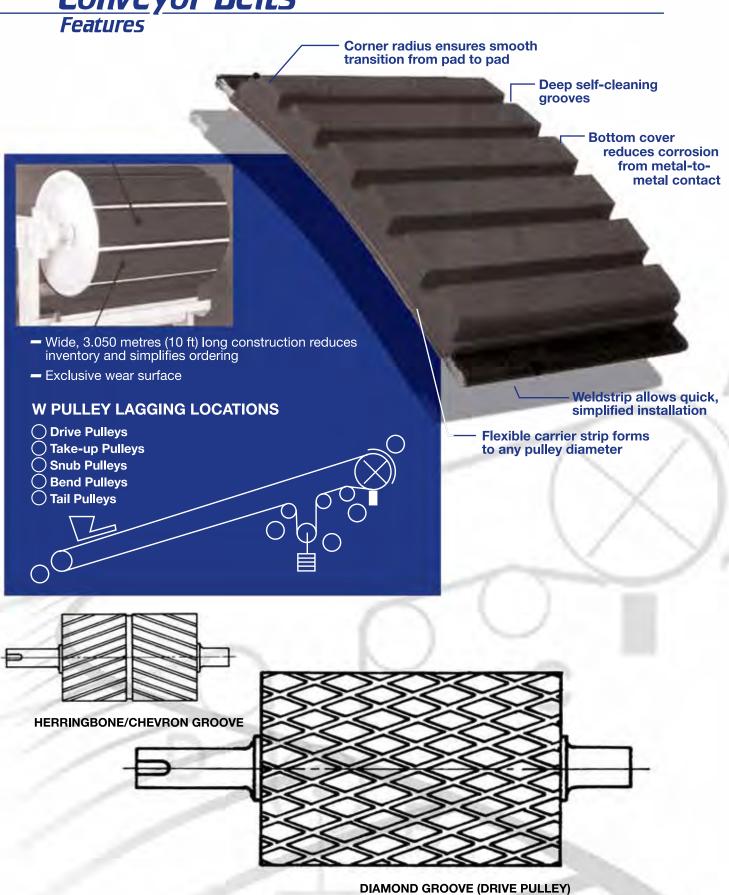
Textile Industry.

Tobacco.



1. Conveyor & mining Products

**Conveyor Belts**Features



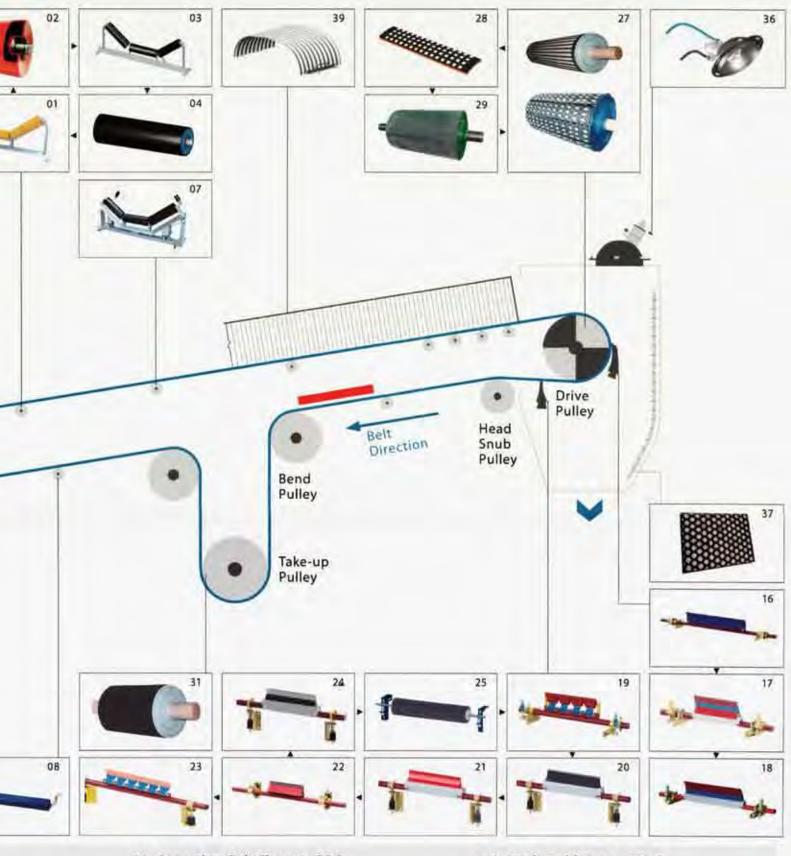
# 38 33 06 35 32 05 Belt Direction Tail Pulley Tail 5nub Pulley 26 15 14 10 11 30 09. Return Roller with Ring 17. Primary Belt Cleaner - CRT1 01. Steel Troughing Idler 10. Return Roller with Flat Disc 18. Primary Belt Cleaner - C1UD 02. Steel Roller 11. Return Roller with Ribber Disc 19. Primary Belt Cleaner - PRUS 03. HDPE Troughing Idler 12. Return Roller with Ceramic Disc 20. Secondary Belt Cleaner - SBC2 04. HDPE Roller

14. Plow Type Belt Cleaner 06. Impact Roller 15. Vee Type Belt Cleaner 07. Self-Training Carrying Idler 08. Return Idler 16. Primary Belt Cleaner

13. Self-Training Return Idler

05. Impact Troughing Idler

- 21. Secondary Belt Cleaner SUC2
- 22. Secondary Belt Cleaner SRT2
- 23. Secondary Belt Cleaner SRUS
- 24. Secondary Reversible Belt Clea



- 25. Secondary Belt Cleaner RBC
- 26. Spiral Return Idler
- 27. Drive Pulley
- 28. Replaceable Pulley Lagging
- 29. Drive Pulley with Diamond Groove Lagging
- 30. Tail Pulley with Flat Ceramic Lagging
- 31. Take-Up Pulley

ner-SBC2D

32. Heavy-Duty Impact Bed

- 33. Replaceable Impact Bed
- 34. Light-Duty Impact Bed
- 35. Multiply Skirt Rubber
- 36. PLC Fog System
- 37. Ceramic Liner
- 38. Ceramic Liner for Impact Area
- 39. Belt Cover
- 40. Tru-Trac Tracking Systems

dustries Ltd - (06) 357-8400



Rubber Hardness	62 Shore A
agging to Pulley Shell Bond Strength	Exceeds 16 N/mm
Rubber Abrasion Resistance (DIN)	81
longation	510%
ensile	15.15 MPA

### **Advantages**

Provided in 250mm wide strips with an 82mm-repeating pattern for costeffective installation and pattern matching. The wide strip also reduces the possibility of bond failure.

Superior bond between pulley shell and lagging is acheived by the provision of a special bonding layer of Neoprene rubber moulded to the back of the Lobby-Lag. This also means that abrasion resistance is not compromised to achieve high bond strength.

Superior water shedding performance from the Arrowhead Pattern over conventional diamond and herringbone patterns. Water is shed at the belt/pulley interface.

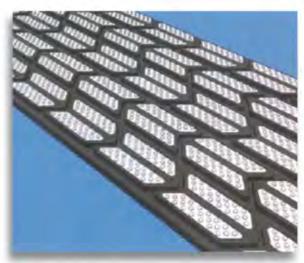
Precision moulded and press cured ensures consistent dimensional and physical properties. thickness is typically better than + 0.25mm

Is supplied pre buffed on both edges and on the bonding face for ease of installation and accuracy of the final pulley T.I.R.

### **Application**

On all pulley shells where shell life, water dispersion and/or material build up is a concern.

For substantially higher drive friction factors and increasing service life in contaminated conditions please refer to our Ceramic Pulley Lagging Information.



Rubber Hardness	62 Shore A
Lagging to Pulley Shell Bond Strength	Exceeds 16 N/mm
Rubber Abrasion Resistance (DIN)	81
longation	510%
Tensile	15.15 MPA

### **Advantages**

250mm wide strips with an 82mm-repeating pattern for cost effective installation and pattern matching.

A special bonding layer of Neoprene rubber ensures superior bond between pulley shell and lagging. This also means that abrasion resistance is not compromised to achieve high bond strength.

Ceramic tiles provide significantly longer wear life than rubber or polyurethane lagging and each tile is encased by rubber on five sides ensuring no damge to tile edges during application.

Significantly improved Co-efficient of friction values enable the reduction in take up tensions thus increasing belt and splice life.

Superior water shedding performance from the Aeeowhead Pattern over conventional diamond and herringbone patterns. Water is shed at the belt/pulley interface. Can not be pumped to the centre of the pulley as with diamond lagging.

Precision moulded and press cured ensures consistent dimensional and physical properties.

Is supplied pre buffed on both edges and on the bonding face for ease of installation and accuracy of the final pulley T.I.R.

### Application

For high wear, high tension, contaminated and/or wet operating environments.



Viking Mini Lagging 60 Showing Standard and white Food Grade

### **Product Description**

Viking Mini Lagging 60 is a medium hard Premium Natural rubber compund, suitable for most lagging applications.

The rubber compound has been formulated to provide maximum wear resistance while providing a high coefficient friction for damp wet conditions insuring maximum traction and excellent dissipation of water and dirt.

The multi-purpose mini diamond pattern lagging comes in versatile sheet form, complete with a bonding layer for easy vulcanisation to metal surfaces.

### **Applications**

Viking Mini Lagging 60 can be used on Natural rubber conveyor belt applications on belt drive, bend, tail, take-up or where product spillage and wear on components can cause problems.

Food Grade Mini Lagging 60 is FDA compliant for use in all Food Processing applications.

### **Properties**

Colour	Black	White
Polymer	Natural Rubber	Nitrile/SBR/Natural
Hardness	60 shore A	70 shore A
Tensile strength	20.0Mpa	10.0Mpa
Elongation at break	572%	460%
Abrasion (DIN53516)	100mm3	463mm3
Working Temperature	0 to 70oC	-20 to 80oC

# Primary & Secondary Belt Cleaner DRIVE PULLEY PRIMARY CLEANER SECONDARY CLEANER HEAD SNUB PULLEY **PU Scraper Bars** 450mm 600mm

# <u>Belting</u>

### **Quarry & Mining Wear Resistant Conveyor Belt**

Viking Conveyor offers a range of quality wear resistant natural rubber conveyor belts for quarrying and mining applications.

### Quarrior

Quarrior is a quality M Grade belt with high gouge and tear resistance combined with high abrasion resistance This is an excellent utility conveyor belt designed to handle sharp rock while maintaining good abrasion resistance to fines.

### Tuffply

Tuffply is a high quality D grade Super Abrasion Resistant conveyor belt which performs best in applications handling abrasive fines such as coal, fertiliser, lime, sand, shingle and palm kernel. To fudher extend its wear life Tuffply has an additional 1 mm of top cover.

### Conti

Conti is a reliable and economical N Grade moderately abrasion resistant natural rubber conveyor belt suitable for low duty conveyors or applications where the conveyor belt is replaced as a result of mechanical damage or abuse rather then wear.

### 2 ply Concrete MOR

The 2 ply Concrete belt is a general purpose light weight moderately wear and oil resistant conveyor belt suitable for batch mixing, mobile crushers and scalping applications.

### C15 Chevron

C15 Chevron belt is a moderately wear resistant V cleated belt designed for conveying materials up steeper inclines, generally over 15 degrees.

### Stock

We hold significant volumes of our standard range of conveyor belts generally importing slabs 1800mm wide and 300m long.

Larger width and length combinations are available on indent.

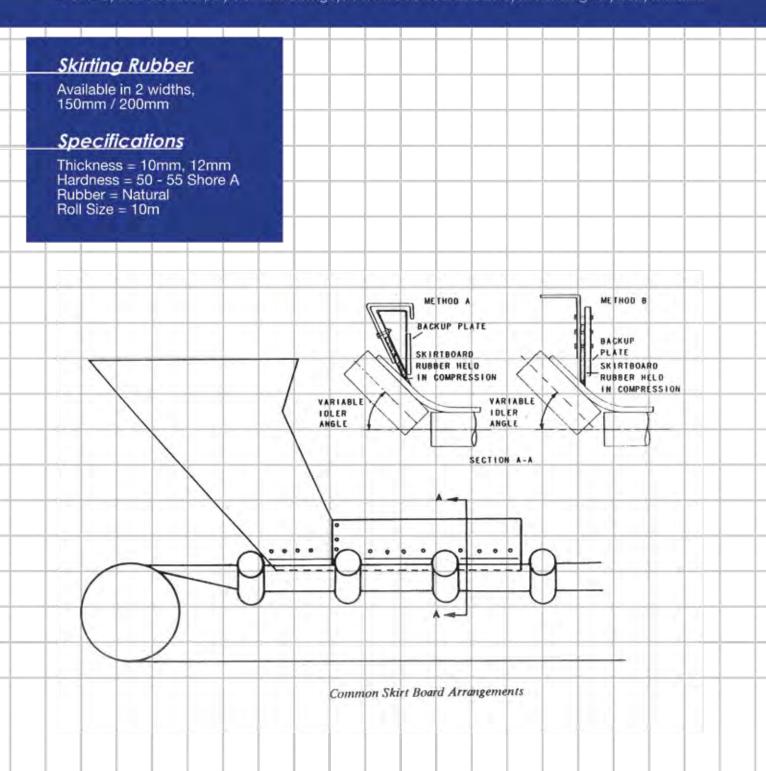
### **Technical Specifications**

Belt Type	Top Cover (mm)	Bottom Cover (mm)	Rubber Grade	Cover Strength (MPa)	Abrasion Resistance (DIN mm3)	Minimum Pully Diameter (mm)
Tuffply 3 ply	5	2.0	D	18	<90	400
Tuffply 4 ply	6	2.0	D	18	<90	500
Quarrior 3 ply	4	1.5	M	24	<110	400
Quarrior 4 ply	5	2.0	M	24	<110	500
Conti 3 ply	4	1.5	N	18	<160	400
Conti 3 ply	5	2.0	N	18	<160	500
2ply Concrete MOR	3	1.5	MOR	14	<200	300
C15 Chevron	5	2.0	N	18	<200	450

# Skirting Rubber

We offer a number of spill control & dust suppression solutions targeted at conveyor loading & transition points

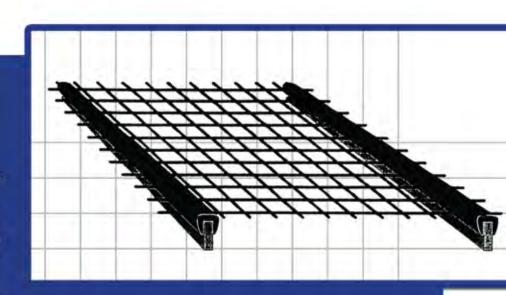
- Premium SSZ 50 Shore Green Natural Rubber & Economy 50 Shore Black Rubber Skirting
- Jimway bulb dual seal poly urethane skirting system which is ideal for conveyors handling very dusty materials



# Screen Capping Strip

- Cut down wear and tear on steel stringers
- Easy to fit, easy to replace
- Tough abrasion resistant rubber

Screen rubber caps are tough, abrasion resistant rubber extrusions which are used to cap the steel stringers which support vibrating screens used in sizing and recovery at mining and quarry operations.



### STANDARD ROLL LENGTH - 20 METRES **KCV 30** KCV132 15.9mm channel width 20mm channel width Also known as 'John Strip' **KCV 85** 1169 9.5mm channel width Nominal 20mm channel width Designed to fit over 'railway line' stringers **KCV 103** 1170 12.7mm channel width Nominal 25mm channel width

Designed to fit over 'railway line'

stringers

# Rollers

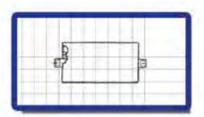
### **Conveyor Rollers**

Viking Conveyor has been supplying Jimway Steel and Synthetic conveyor rollers to major mining and quarrying operations through out New Zealand for over 12 years.

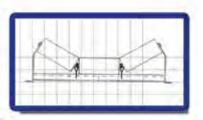
- We stock trough and return rollers to suite 450, 600, 750, 900 and 1200mm wide belts in 114mm diameter in Steel and Synthetic and 127mm in Steel.
- We carry a full range of impact and rubber disc return rollers along with a range of rubber lagged rollers for improved material release

### **Roller Trough Frames**

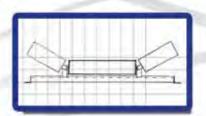
We stock standard painted and galvanised 30 degree trough frames to suite 450, 600, 750, 900, 1050 and 1200mm wide belts and can supply on short notice any other trough frame configuration.



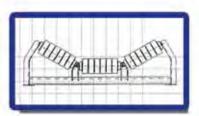
**Trough Rollers**PVC for corrosive conditions



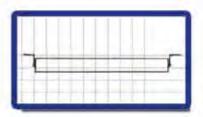
3 Roll Off - Set Troughing Set



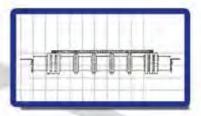
3 Roll Offset Cantilever Troughing Set



3 Roll Inline Heavy Duty Impact Set

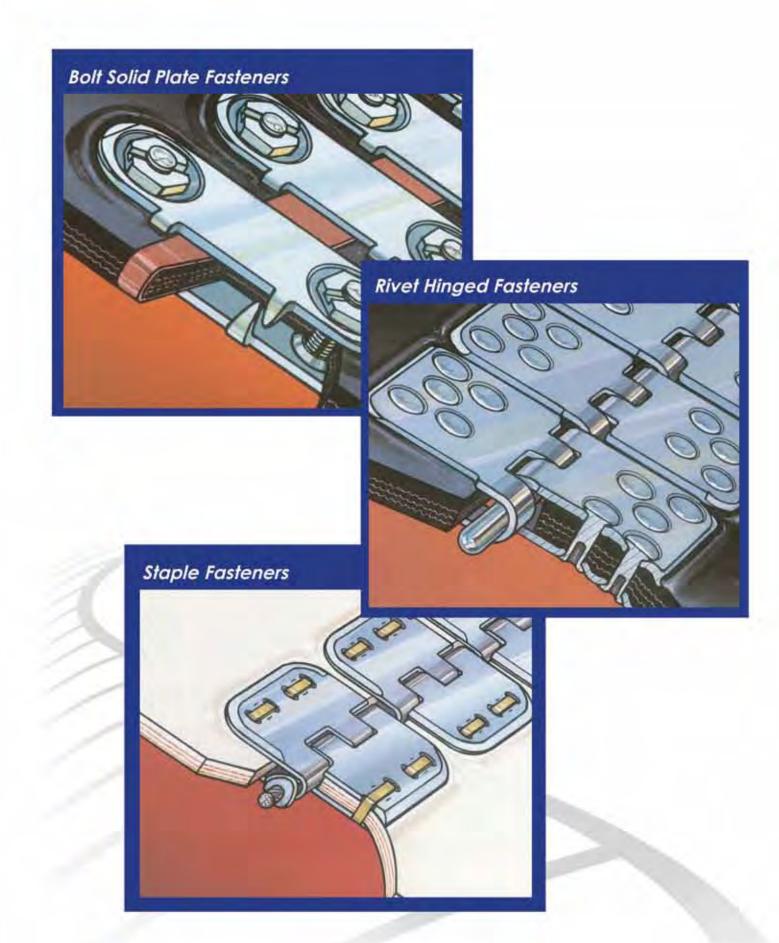


**Return & Flat Carry Idlers** 



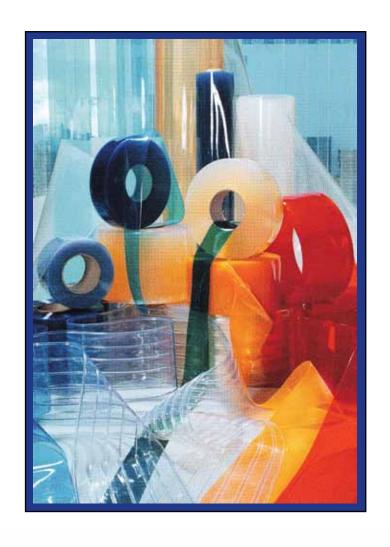
**Rubber Disc Return Idler** (NL type)

# Belt Fasteners



# Local Distributor for DYNO





**PVC Screens** 

2

### PVC Curtain Strip - Round Edged for Safety

### Sizes, Uses & Grade Availability

Size	Use (Traffic, Opening Size)	-0°	+0°
Clear	Clear	,	,
305 x 0.5	Wavespan (Reinforced) light weight, Pedestrian, Privacy.	<b>√</b> ,	√,
100 x 2.0 Clear	Pedestrain. Small internal openings.	√,	√,
150 x 3.0 Clear	Pedestrian / Fork - Lifts. Med openings.	√,	√,
200 x 2.0 Clear	Pedestrian / pallet lifters. Med openings.	√,	√.
200 Rib Clear	Pedestrian / Fork - Lifts. Med external openings.	1	√.
200 x 3.0 Clear	Pedestrian / Fork - Lifts. Med external openings.	N/A	1
200 x 4.0 Clear	Heavy Fork - Lifts. Med openings, below - 20o C. (internal)	√.	N/A
300 x 3.0 Clear	Vehicular, Large openings.	1	1
300 Rib Clear	Heavy Fork - Lifts. Large openings, wind.	1	1
300 x 5.0 Clear	Heavy Fork - Lifts. Large openings, below - 20o C.	1	N/A
400 x 2.0 Clear	Internal Partitioning. (temp, draft control)	N/A	1
400 x 4.0 Clear	Heavy Vehicular. Large external openings.	1	1
400 x Rib Clear	Aggressive Vehicular usage. Large exposed openings.	N/A	1
Colours	Colours	i de la	Ú,
100 x 2.0 Green	(Translucent) Privacy, Marker strips.	N/A	√.
200 x 2.0 Red	Marker strips.	1	√.
300 x 2.0 Green	Welding strips.	N/A	√.
300 x 2.0 Black	Light proof strip. Portals / internal screens.	N/A	1.
300 x 3.0 Red	Marker strips.	1	1

N/B - Indicates stockline (normally available ex stock)

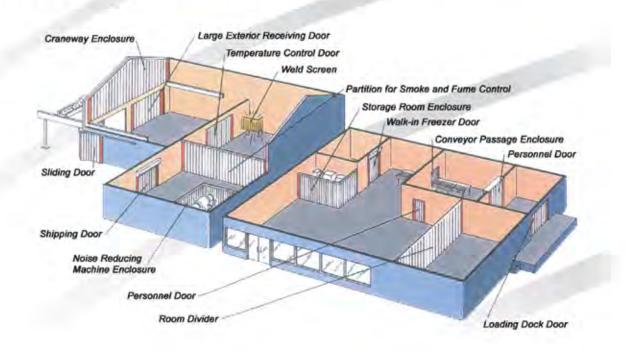
- indicates not available. Ex stock (may be available on indent)

Grades

-0o (sub-zero) for temperatures between - 40 oC & 0 oC (internal use only) +0o (zero-plus) for temperatures between 0 oC & +60 oC (Contains an ultra - violet black)

Roll Length Colours = 50m (Rib strip - 45m) = Other colours available on request = Other sizes available on indent Sizes

### Subject To Change Without Notice



# **PVC Screens**



Reduces heat or cold air loss

By opening only wide enough to let a person or vehicle through and then closing automatically.

Restricts movement of air

Such as dust, dirt, smoke, fumes and drafts.

Admits light, saves time

Transparency provides excellent visibility for through traffic. No delays while doors are opened or closed

Isolates noisy machinery

And equipment, work stations and loading docks from other work areas.

Increased employee comfort

By keeping temperature and humidity under control.

Provides bird and flying insect control Outside or between different work areas.

Strong and durable

Top quality PVC material features heavy duty strength and tear resistance for long service life.

Minimum maintenance

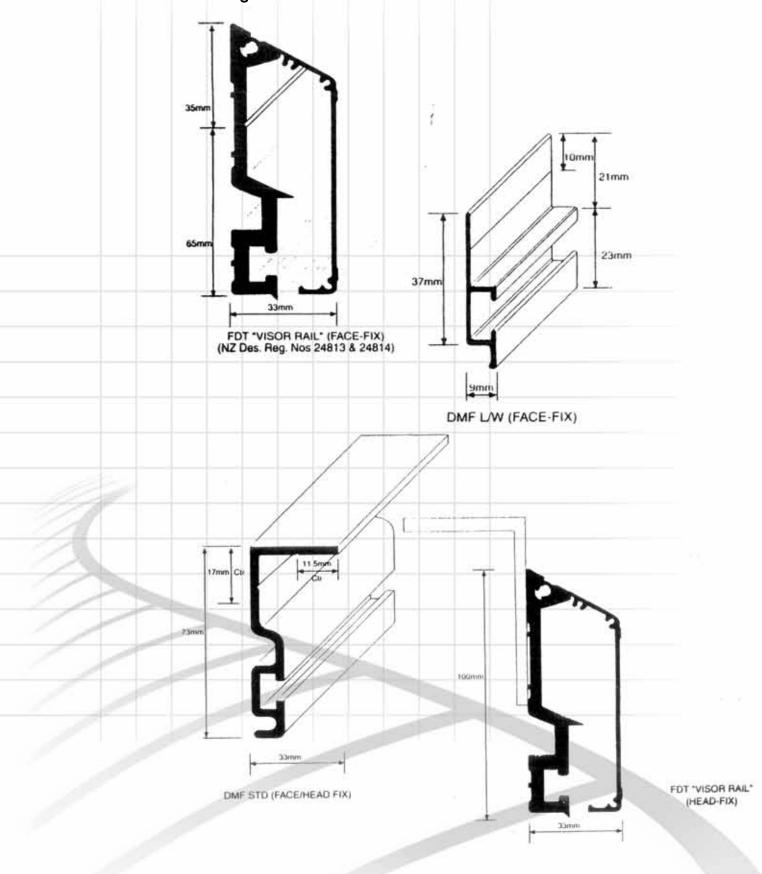
Wipes clean easily and strips can be replaced independently if required.

Easy to install

No special labour and tools needed for installation. Shipped knocked down, ready to install.

# **Header Rails**

The header rail is selected to suit the weight and construction of the curtain, the intended method of fixing and environmental factors.



### Flexible Curtains

Skellerup Flexible Strip Curtains form an environment seal which opens to the size of the equipment or person passing through.

The clear flexible PVC strips readily part upon contact and fall beck into place once pass-through has been completed.

### Some Applications

Atmosphere Control

Freezer Doors

Craneway Openings

Warehouse Partitioning

Welding Bays

Conveyor Portholes

Pest Control

Fume Control

Thermal Dividers

### Some Features

Safety - High visibility

**Energy Management** 

Quick, Easy Installation

Low Maintenance

Light Control

Individual Panels - (Easily replaced, cleaned or changed),

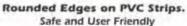
Aluminium Header - (Corrosion Free).

High Strength Alloy

No Limits - (To Height or Width)

Easy on Traffic & People

Non Toxic - (Grades available)





Strip overlap to suit application.



Fixed or Sliding Suspension Systems.

Automatic or Manual.



AMBIENT & FREEZER GRADES (Clear)



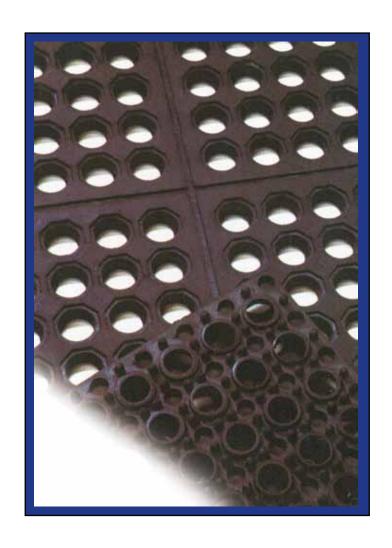
WELD STRIP (Bronze/Green)



COLOURED BUFFER & MARKER STRIPS (Multiple Colour Choice)



PROFILED STRIP
[Clear]
Heavy Duty.
Increased Strength.
Less Scratching.



3. Matting

# Safety Matting



### Work Save

Free Draining Safe non-slip surface Anti-fatigue Anti-trip Lightweight Grease resistant option



### Safety Scrape

Positively anti-slip Grease and chemical resistant Low profile Heavy duty rating Cleans footwear



### Comfort Zone

Interlocking runners or single mats Quickly assembled or adapted Anti-fatigue unique design Safe non-trip ramp edging Easy to clean smooth surface



### Safety Zone

Interlocking modules Safe yellow ramp edges Anti-fatigue Non-slip design Insulates from noisy, cold floors



### Multi Zone

Interlocking modules Safe yellow ramp edges Anti-fatigue Closed design Insulates from noisy, cold floors



### Zero Mat

Extra heavy duty 24mm thick Long-lasting and strong Safe anti-slip surface pattern Versatile - can be cut or joined to any size Anti-fatigue Efficient door mat for cleaner floors



### 0-Zone

Anti-fatigue Ergonomic "bubble" design Anti-creep feet Non-trip safety ramps Custom sizes Easy to clean Lightweight Heavy duty



### Comfort Flow

Grease and oil resistant Supurb anti-fatigue value Light and easy to handle Wet or dry areas Non-trip bevelled edges Anti-slip textured surface







Heavy Duty
Thickness - 15/16mm
Strand Diameter - 0.9/1.0mm
Weight - 5.25kg/m²

Standard
Thickness - 11/12mm
Strand Diameter - 0.6/0.7mm
Weight - 4.00kg/m²



Heavy Duty
Thickness - 13/14mm
Strand Diameter - 0.9/1.0mm
Weight - 4.00kg/m²



Easy-to-clean: A special feature of the UltiMat is how easy it is to clean. Simply shake out or rinse out with a hose. Regular cleaning is an important activity to maintain the appearance and effectiveness of UltiMat for you. Remember, Mats that are full of dirt do not work and are unsafe.

Sizes and Colours: Standard sizes are available with a molded anti-trip safety edging.

■ 900mm x 600mm

■ 1500mm x 900mm

■ 1800mm x 1200mm

Sizes		
Heavy Duty	Medium	
900 x 1500 1200 x 1800	900 x 1500 1200 x 1800 900 x 600	

Custom sizes, up to 18.3 meters, can be cut from the role to your requirements. Cut lengths do not have the molded edge. Remember, multiple smaller mats are easier to handle than one extra large mat.

Medium and Heavy Duty: UltiMat is available in medium duty backed, and heavy duty backed and un-backed versions. Industrial and busy entrances are better with heavy duty UltiMat and the backed versions should be used where mats are indoors to help protect your floor.

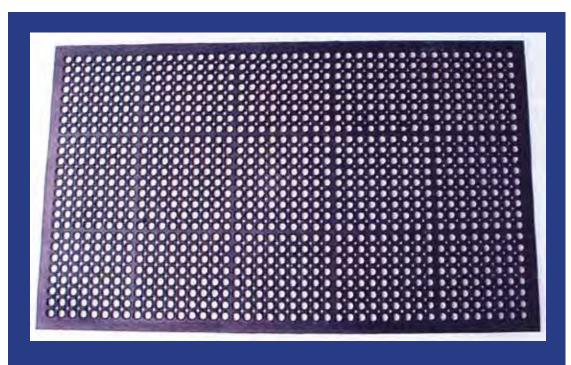
# **Cushion Mats**

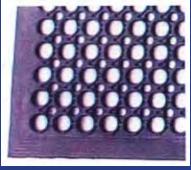
## Cushion Mats with Beveled edges on all sides

Ideal for:

Resisting Fatigue Home and Building Entry Shop Floors etc Sizes:

1500 x 1000 x 20 mm 1500 x 1000 x 12 mm





Natural Rubber 60 ShA Product code MATRAMP

# Go Polycare® Chairmats

The POLYCARBONATE (LEXAN®) chair mat to year guarantee against breakage, safe and almost invisible





Protects against castor damage and dirt in high traffic zones

### How long will your flooring remain attractive?

Regardless of whether you have carpet or hard floors, your floors need protection ... protection from castor office chairs ... scrapes and scuffs ... dirt and water ... heavy wear and tear ... they all add their toll to expensive flooring. Floors become dull and unattractive ... aggresive cleaning further accelerates wear and tear.

### Polycare is your choice ...

In the office, entrance way, corridoors, counters, service areas (coffee machines etc) and in critical zones in your home.

### Safe and effective ...

Only Polycare mats from polycarbonate are odourless and temperature stable (will not deform at normal temperatures) ... UV resistance and flame resistant ... the fine grain surface is easy to clean (with water) ... have rounded corners and ramped edges ... and the high transparency (90%) allows the flooring design to shine through

### Made to size or standard sizes ...

You can choose from our standard range of rectangular and keyhole shapes or we can make a special size for you up to 3000 x 1220mm.

### On Hardfloors

2.0mm thick with smooth anti-slip undersurface ...intended for timber, cork, linoleum, ceramic and marble floors.

### On Carpets

2.75mm thick with approx, 3mm spikes on undersurface ... intended for low to medium pile carpet ONLY

### The Polycare Guarantee

- 10 year replacement guarantee
- · Safe for underfloor heating
- · Keeps your floor looking cleaner
- Makes your floor last longer

Rectangular

Keyhole

Your Polycare Specialist



Foam and Sponge

# Foam & Sponge For Industry



# Foam Sheeting

# Starprene

Material	Polymer Type	Cell Structure	Firmness	Temp Range	Sheet Size	Code
Starprene Sponge Sheet	Neoprene	Closed	Medium	Maximum Intermittent 100oC Continuous 70a Minimum Flexible at -40o	2000 x 1000 x 3mm 2000 x 1000 x 6mm 2000 x 1000 x 9mm 2000 x 1000 x 12mm 2000 x 1000 x 20mm 2000 x 1000 x 25mm	SFT030 SFT060 SFT090 SFT120 SFT190 SFT250
Features	A medium, ozone and	waterproof, t high tempera	veoprene sp	onge with excel	lent resistance to deterge	ents, oils,

## Starthene

Material	Polymer Type	Cell Structure	Firmness	Temp Range	Sheet Size	Code
Starthene Sponge Sheet	EPDM	Closed	Soft	Maximum Intermittent 60oC Continuous 45o Minimum Intermittent -50oC Continuous -40oC-	2000 x 1000 x 3mm 2000 x 1000 x 6mm 2000 x 1000 x 9mm 2000 x 1000 x 12mm 2000 x 1000 x 20mm 2000 x 1000 x 25mm	SFU030 SFU060 SFU090 SFU120 SFU190 SFU250

Skellerup provides a selection of Starthene and Starprene to suit most needs in the industrial workplace.

Most sizes available ex-stock, otherwise on indent order only.

# Sponge Seals

SPONGE SEALS
The following sponge seals are coated one side with sticky back and available in black or white

and an annual and an annual and		
SPONGE SEAL	6mm x 6mm	4m roll
SPONGE SEAL	9mm x 3mm	4m roll
SPONGE SEAL	9mm x 3mm	10m roll
SPONGE SEAL	9mm x 6mm	4m roll
SPONGE SEAL	9mm x 6mm	10m roll
SPONGE SEAL	9mm x 9mm	4m roll
SPONGE SEAL	9mm x 9mm	10m roll
SPONGE SEAL	12mm x 3mm	4m roll
SPONGE SEAL	12mm x 3mm	10m roll
SPONGE SEAL	12mm x 6mm	4m roll
SPONGE SEAL	12mm x 6mm	10m roll
SPONGE SEAL	12mm x 9mm	4m roll
SPONGE SEAL	12mm x 9mm	10m roll
SPONGE SEAL	12mm x 12mm	4m roll
SPONGE SEAL	12mm x 12mm	10m roll
SPONGE SEAL	15mm x 3mm	4m roll
SPONGE SEAL	15mm x 6mm	4m roll
SPONGE SEAL	15mm x 9mm	4m roll
SPONGE SEAL	15mm x 12mm	4m roll
SPONGE SEAL	19mm x 3mm	4m roll
SPONGE SEAL	19mm x 3mm	10m roll
SPONGE SEAL	19mm x 6mm	4m roll
SPONGE SEAL	19mm x 6mm	10m roll
SPONGE SEAL	19mm x 9mm	4m roll
SPONGE SEAL	19mm x 9mm	10m roll
SPONGE SEAL	19mm x 12mm	4m roll
SPONGE SEAL	19mm x 24mm	4m roll
SPONGE SEAL	19mm x 19mm	5m roll
SPONGE SEAL	25mm x 3mm	4m roll
SPONGE SEAL	25mm x 3mm	10m roll
SPONGE SEAL	25mm x 6mm	4m roll
SPONGE SEAL	25mm x 9mm	4m roll
SPONGE SEAL	25mm x 9mm	10m roll
SPONGE SEAL	25mm x 12mm	4m roll
SPONGE SEAL	25mm x 12mm	10m roll
SPONGE SEAL	38mm x 6mm	4m roll
SPONGE SEAL	38mm x 6mm	10m roll
SPONGE SEAL	38mm x 12mm	4m roll
SPONGE SEAL	40mm x 12mm	4m roll
SPONGE SEAL	40mm x 12mm	10m roll
SPONGE SEAL	50mm x 6mm	10m roll
SPONGE SEAL	50mm x 3mm	10m roll
SPONGE SEAL	100mm x 24mm	5m roll



# Standard Sponge Sections COMPOUND - E.P.D.M. STANDARD COIL LENGTH: 20 METRES. MAX OPERATING TEMPERATURE 120°C

0	-	1				
\$1 PAS001 4.8x3.2mm	\$2 PAS002 9.5x6.4mm	\$3 PAS003 9.5x9.5mm	\$4 PAS004 9.5x12.7mm	\$5 PAS005 12.7x19.1mm	\$6 PAS006 12.7x9.5mm	<b>S7</b> PAS007 25x16mm
	7	1		0	9	-
\$8 PAS008 24x12mm	\$9 PAS009 19x19mm	\$10 PAS010 4.8x15.9mm	\$11 PAS011 12x12mm	\$12 PAS012 22x12mm	\$13 PAS013 18x10mm	\$14 PAS014 16x9.5mm
9	-	-	-	9	1	
\$15 PAS015 12x12mm	\$16 PAS016 10x10mm	\$17 PAS017 18x7mm	\$18 PAS018 Ø9mm	\$19 PAS019 Ø12mm	\$21 PAS014 Ø16mm	\$22 PAS022 Ø19mm
P	3	P				9
\$23 PAS023 10x12mm	\$24 PAS024 17x14mm	\$25 PAS025 15x14.5mm	PAS	26 026 2.7mm	\$27 PAS027 12.7x12.2	\$28 PAS028 7.9x4.8mm
-						9
<b>\$29</b> PAS029 12.7x3,2mm	\$30 PAS030 25.4x6.4mm	\$31 PAS031 25.4x12.7mm	<b>S32</b> PAS032 63.5x12.7mm	\$33 PAS033 6.4x3.2mm	\$34 PAS034 9.5x14.3x6.4mm	\$124 PAS124 19x14mm
tangular Hatch S	eal Sections					
\$164 PAS164 40x30mm	\$32 PAS032 63.5x12.7mm	\$102 PA\$102 40x20mm	\$200 PA\$200 35x70mm			

# **Ultraion Polyolefin Foams**

### Material Information

Ultralon is a closed cell chemically cross-linked foam that is manufactured from polyethylene (PE) or ethylene-vinyl-acetate copolymers (EVA).

Highly crossed linked foams have better tensile properties etc compared with low or cross-linked foams, of the same density.

The fine cell structure is produced by the release of a nontoxic gas to form the individual cells. The gas is nitrogen which is a common element in the air. The compound used to release the nitrogen is ADC (azodicarbonamide) which is commonly used in the baking industry to ensure that bread rises properly.

The pigments utilised in Ultralon are of the standard required for products that come into contact with food manufacturing equipment. The manufacture of Ultralon does not involve the use of any fluorocarbon products or derivatives.

The manufacture of Ultralon does not involve the use of any irradiation techniques to produce cross-linking in the foam.

Ultralon contains no UV stabilisers. The foam has a good UV stability and hence its use in the spa and surf products. Some deterioration in the colour due to UV exposure is typical in these conditions.

Ultralon offers a very low water absorbtion which sees the foam utilised in the marine industry.

In the thermo-forming or thermo-moulding operations care should be taken to account for the small material shrinkage that may occur when operating outside the normal temperature tolerance.

Ultralon offers excellent resistance to most oils and other chemical substances.

Ultralon is able to be fabricated by the use of several heat lamination methods and many commercial adhesives.

### Ultralon Polyethylene: PE

Density Range: 30kg/m3 to 120kg/m3 2lb/ft3 to 8lb/ft3

PE is Ultralon's best performing foam in terms of chemical resistance, thermal and electrical properties and exposure to heat, weather and water. Ultralon's PE has the highest shock absorbency capacity of the two polyolefin foams.

Ultralon's PE, although slower to recover will withstand a greater number of deflection cycles than an EVA foam.

Ultralon's PE offers comparatively easier handling in the warehouse and as larger products than EVA foam because of the increased rigidity. This is important in the handling of products, such as Spa covers, by a single person.

### Ultralon Polyethylene: EVA

Density Range: 30kg/m3 to 350kg/m3 2lb/ft3 to 23lb/ft3

Ultralon's EVA has excellent performance in terms of chemical resistance etc but are secondary to those of PE.

Ultralon's EVA combines excellent shock absorbency with a prompt memory (recovery) from any deflection due to impact. The recovery of EVA is superior to that of PE

Ultralon's EVA has a lower elasticity modulus compared to that of PE. This gives the foam a high drape or expressed in other terms, a softer feeling than a PE of the same density

### Buoyancy

Buoyancy foam is an EVA derivative and has many of the EVA properties. The specialist purpose of buoyancy grade is its even greater drape over PE or EVA. This improves the "waterability" of a product such as a life jacket.

### Cutting

Ultralon is a highly workable foam material. The following process may be used:

Hand knife cutting
Press knife cutting
Cut by mould edge
Mechanical grinding
Sanding processes
Hot knife or hot wire cutting

### Laminating

Ultralon will laminate as the result of fusing the two layers of foam. The bond is chemically similar to the foam itself and is not typically the point of shear failure.

Ultralon can be cemented by a range of commercially available products.

### Thermo-Forming

Ultralon is a market leader in terms of the ability to perfom while thermo-forming. Thermo-forming involves the heating of the foam and then its deformation in a chilled mould. The shrinkage stability of Ultralon at 2% to 4% and its predictability and therm-forming conditions are unique properties and reflect the high technology of the Ultralon process.

### Uses for Ultralon Polyolefin Foams

Refridgerated Cooly Bans Spa Pool Covers Insullation Pads Bump Pads Patching Pads Numorous other things Comes in a range of colours

## **Ultraion Polyolefin Foams**

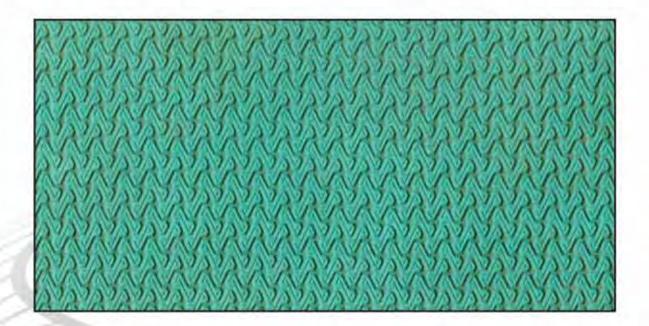
#### **DECK TREAD**

Our involvement began quietly in 1991 with the exploratory forays into the marine industry at trade level.

Some considerable success was enjoyed with Deck Tread when it was selected under Lloyd's of London approval to fit the product to the new high profile New Zealand police launch "Deodar"

We have progressed considerably through our heavy commitment to advertising and promotion eg boat shows, cooperative promotions with leading fanufacturers at these shows and the fitting at no charge (or heavily discounted prices) of Deck Tread to high profile boats such as TV's "Gone Fishing" with Graham Sinclair, NZ Fisherman's and Boating NZ demo/camera craft, Americas Cup chase boats (3) and TVNZ's camera boat.

Today we supply commercial work boats, trawlers, crayfish and scallop boats, charter/ferry operators and pleasure craft. In the commercial sector - workshop/factory floors, dairy/meat/fish processors, hospitals, rest homes, pedestrian ramps and foot rests for invalid scooters. House hold users are covered by a major hardware chain with special consumer packs.





**Rubber Products** 

<u>5</u>,

# Speciality Sheet Rubber

For Industry

Pure Gum Rubber

Natural Rubber

Neoprene

Hypalon

E.P.D.M.

**Silicone** 

Butyl

**Nitrile** 

Viton

5.B.R.

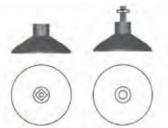
# <u>General Mouldings</u>

#### SUCTION CAPS

IME131	S/Cup	Roof Car Black	Ø75mm
IME132	S/Cup	Roof Car White	Ø75mm
IME133	S/Cup	Roof Car Black	Ø75mm with bolt

IME202 S/Cup 32mm

IME203 S/Cup 32mm Bolt Nut IME204 S/Cup 32mm 3.2mm Hole IME237 S/Cup 19mm 4:2mm Hole IME222 S/Cup 63mm Bolt Nut IME223 S/Cup 63mm 4mm Hole



#### MOULDED WASHERS

IME361 Washer Steel Guard 57mm OD x 1mm ID x 6.5mm



#### ROPE TENSIONERS

IME357 Rope Tensioner 150mm Long



#### HOT WATER CYLINDER GASKETS

IPG320	Gasket Hot Water Cylinder	26mm ID
IPG321	Gasket Hot Water Cylinder	32mm ID

Gasket Hot 38mm ID Water Cylinder



#### BUSHES

ICC580	Bush Pin Coupling Type A	19mm L x 22 00 x12.5 ID
ICC581	Bush Pin Coupling Type B	22mm L x 28 0D x15 ID
ICC582	Bush Pin Coupling Type C	29mm L x 35 0D x19 ID
ICC583	Bush Pin Coupling Type D	37mm L x 35 0D x19 ID









#### RUBBER BUNGS DI x D2 x L

IMJ114	Bung Rub	10.3 x 8.7 x 18.2
IM1053	Bung Rub	25.4 x 19 x 38.1
IMJ205	Bung Rub	88.9 x 63.5 x 95.3

IMJ395	Bung Rub	50.8 x 47.6 x 50.8
IMJ176	Bung Rub	69.9 x 57.2 x 63.5
IMJ219	Bung Rub	101.6 x 76.2





#### SEED CLEANING BALLS

IMJ010	Seed	Cleaning	Ball	25mm
IMJ325	Seed	Cleaning	Ball	35mm

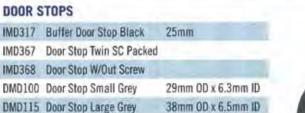
IMJ665 Seed Cleaning Ball 51mm



#### **FOWL PLUCKING FINGERS**

IMF341	Fowl Plucking Finger Narr Ribbed 48 HD
	105mm long x 21 Ribs

Fowl Plucking Finger IMF343 Feathertop 60 HD 104mm long x 13 Rib







# <u>General Mouldings</u>

#### WHEEL DIMENSIONS AND LOAD DEFLECTIONS

Part Wheel Dimensions			Journal			Load in Kilograms Deflection in mm				
Number	Dia x Width		Diameter:	s/Bore	90	180	270	365	450	
TWM410	76mm x 32mm	3"	8mm							
IWM413	102mm x 38mm	4"	12.5mm	1/2"	2.4	4	5.6	7.1	7.9	
IWM414	152mm x 38mm	6"	19.1mm	34"	3.2	7.1	9.5	11.1	11.9	
IWM415	204mm x 48mm	8*	25.4mm	1.	2.4	4	7.1	7.1	7.9	
IWM416	254mm x 48mm	10"	25.4mm	1"	2.4	4	7.9	7.9	9.7	
IWM418	305mm x 50mm	12"	25.4mm	1"	2.4	4.8	7.1	7.1	7.9	
March 1994.		10.00				F10		-	Dior	



#### MUSHROOM VALVE

IPV100 Mushroom Valve

72mm OD x 19.5mm OD(2) x 33mm High



#### **COLUMN FENDERS**

PFA324 Column Fenders

Overall 190mm x 190mm x 500mm long



#### **ANTI-RATTLE BUTTONS** Grommet type

IMA 137	Antirattle Button	3.2mm	DH
IMA 131	Antirattle Button	7mm	FH
IMA 132	Antirattle Button	6.4mm	FH
IMA 133	Antirattle Button	6.4mm	FH
IMA 134	Antirattle Button	6mm	FH

IMA 135	Antirattle Button	6.3mm	DH
IMA 138	Antirattle Button	6mm	SPH
IMA 140	Antirattle Button	6.7mm	DH
IMA 136	Antirattle Button	12.5mm	FH







#### STABILISER BLOCKS

IAR 272 Stabiliser Block 46mm Length

IAR 273 Stabiliser Block 54.8mm Length



#### TAIL BOARD BUFFERS

IMD 333 Buffer Tailboard

152.4mm long x 63.5mm wide x 43mm thick





#### TANK CAPS

IAR 261	Tank Cap	32mm ID
IAR 262	Tank Cap	38mm ID
IAR 157	Tank Cap	44.5mm ID
IAR 158	Tank Cap	50mm ID

IAR 159	Tank Cap	57.2mm ID
IAR 082	Tank Cap	62.5mm ID
IAR 667	Tank Cap	75mm ID





# **General Mouldings**

#### WALKSTICK/CRUTCH TIPS ID

IMK390	Walkstick/Crutch Tip	19mm S
IMK391	Walkstick/Crutch Tip	22mm S
IMK394	Walkstick/Crutch Tip	25mm S

IMK381	Walkstick/Crutch Tip	28mm F
IMK382	Walkstick/Crutch Tip	32mm F



#### CHAIR TIPS ID

DMC105	Chair Tip	11.5mm	Black
DMC120	Chair Tip	16mm	Grey
DMC125	Chair Tip	16mm	Black
DMC140	Chair Tip	19mm	Grey

DMC145	Chair Tip	19mm	Black	
DMC161	Chair Tip	22mm	Black	
DMC170	Chair Tip	25mm	Grey	
DMC175	Chair Tip	25mm	Black	



#### STICK TIPS

DMS110	Stick Tip	16mm	Black	
DMS115	Stick Tip	16mm	Grey	
DMS100	Stick Tip	19mm	Black	
DMS105	Stick Tip	19mm	Grey	

DMS130	Stick Tip	22mm	Grey
DMS135	Stick Tip	25mm	Grey
DMS125	Stick Tip	22mm	Black



#### TOILET SEAT BUFFERS ID

DMB100	Buffer Toilet Seat	22mm	Black
DMB105	Buffer Toilet Seat	22mm	White

DMB110 Buffer Toilet Seat 22mm Grey
IMD244 Buffer Toilet Seat 14.7mm Black





#### BUFFERS

	The same of the sa	
MD061	Dating	Dian
PATR 11 125 J	Buffer	Blac

49mm High, 42mm 0/D, 9.5 UNF Stud





#### SHOCK ABSORBER BUSH

IAB065 Shock Absorber Bush

2.5mm dia. x 10mm ID x 19mm long





#### AUTOMOTIVE/INDUSTRIAL ANTI-VIBRATION MOUNTS

Rubber is a most efficient medium for the damping of vibration. When bonded to metal surfaces it becomes a robust and reliable shock absorber which eliminates, absorbs or reduces unwanted vibrations and their resultant noises in all types of machinery including stationary and mobile engines. An example is the modern car which uses rubber to metal bonded components for engine mountings, road shock absorbers and in many other ways to ensure smooth riding, silent performance.

Refrigerator compressors, washing machines and other domestic appliances also utilize unobtrusive anti-vibration rubber mountings. The feature of our rubber to metal bond is its strength. Test bond strength up to 1000 psi (6900 kPa) in shear and 200 lb (900 N) and upward may be handled in compression. Anti-vibration devices can be designer to control and insulate vibration travelling in several directions.

## The advantages of our units as compared with other types are:

- (1) Simplified design and application.
- (2) Cost effective.
- (3) Smooth silent operation
- (4) No maintenance or lubrication required.
- (5) Complete insulation.

IMH290	Anti-vibration Mount	25mm 00	8mm stud each end — 20mm Long
IMH224	Anti-vibration Mount	35mm 0D	9.5mm stud each end - 25mm Thick, 22mm long
IMH357	Anti-vibration Mount	51mm 00	30mm Thick - 9.5mm UNF Stud - 22mm Long each end
IMH358	Anti-vibration Mount	51mm 00	36mm Thick - 9.5mm UNF Stud - 22mm Long each end
IMH362	Anti-vibration Mount	75mm 00	32mm Thick - 9.5mm UNF Stud - 22.2mm Long each end
IMH363	Anti-vibration Mount	75mm 0D	32mm Thick - 9.5mm UNF Stud - 22mm Long each end









COMPOUND - E.P.D.M. STANDARD COIL LENGTH: 20 METERS HARDNESS 80 SHORE A MAX OPERATING TEMPERATURE 120°C



# Weather Strips COMPOUND - NATURAL RUBBER - STANDARD COIL LENGTH: 15 METERS



W2 PWA002 Panel 1.6mm | Glass 4.8mm Filler 010 | Radius 58mm



W3 PWA003 Panel 3.2mm | Glass 6.4mm Filler 010 | Radius 102mm



W4 PWA004 Panel 1.6mm | Glass 6.4mm Filler 010 | Radius 102mm



W8 PWA008 Panel 6.4mm | Glass 6.4mm Filler 010 | Radius 64mm



W11 PWA011 Panel 1.6mm | Glass 3.2mm Filler 000 | Radius 51mm

FILLER STRIP



W13 PWA013 Panel 6.4mm | Glass 4.8mm Filler 010 | Radius 64mm

#### **SELF SEALING SYSTEM**





PVC COMPOUND Std Coil Length 30M medium – PWF010 – Black PWF011 – White

#### ALSO AVAILABLE

VERY SMALL

PWF000/PWF001 - B/W, STD COIL LENGTH 50M

PWF005 - B, STD COIL LENGTH 30M

LARGE

PWF015 - B, STD COIL LENGTH 30M

#### GROMMETS IDXPXG

	and the second	
IMG010	Grommet	3.9 x 7.9 x 1.6
IMG021	Grommet	4.8 x 7.4 x 1.6
IMG022	Grammet	4.8 x 7.6 x 1.6
IMG030	Grommet	6.4 x11.1 x 1.6
IMG031	Grommet	6.4 x 11.1 x 3.2
IMG050	Grommet	6.4 x 14.2 x 1.6
IMG205	Grommet	7.9 x 12.7 x 1.6
IMG040	Grammet	9.5 x 12.7 x 1.6
IMG041	Grammet	9.5 x 12.7 x 3.2
IMG060	Grommet	9.5 x 19 x 1.6
IMG111	Grommet	11.1 x 15.8 x 1.6
IMG110	Grommet	11.1 x 17.4 x 1.6
IMG112	Grammet	11.1 x 17.4 x 4.8

A755-65		200122 0.01
IMG080	Grommet	12.7 x 19 x 1.6
IMG067	Grommet	14.2 x 22.2 x 5.5
IMG090	Grommet	15.8 x 25.4 x 1.6
IMG070	Grommet	15.9 x 20.6 x 1.6
IMG130	Grommet	19 x 22.2 x 1.6
IMG131	Grommet	19 x 25.4 x 3.2
IMG140	Grommet	20.6 x 33.3 x 1.6
IMG120	Grommet	25.4 x 33.3 x 1.6
IMG180	Grommet	28.5 x 38.1 x 1.6
IMG160	Grommet	31.7 x 38.1 x 1.6
IMG150	Grommet	54 x 63.5 x 1.6
IMG170	Grommet	62 x 66.6 x 1.6



BODY PLUGS		Panel	
IMB301	Body Plugs	7.9mm	
IMB302	Body Plugs	9.5mm	
IMB303	Body Plugs	12.7mm	
IMB304	Body Plugs	15.9mm	
IMB305	Body Plugs	19.1mm	

IMB306	Body Plugs	22.2mm
IMB307	Body Plugs	25.4mm
IMB308	Body Plugs	28.6mm
IMB309	Body Plugs	32mm
IMB3010	Body Plugs	38mm





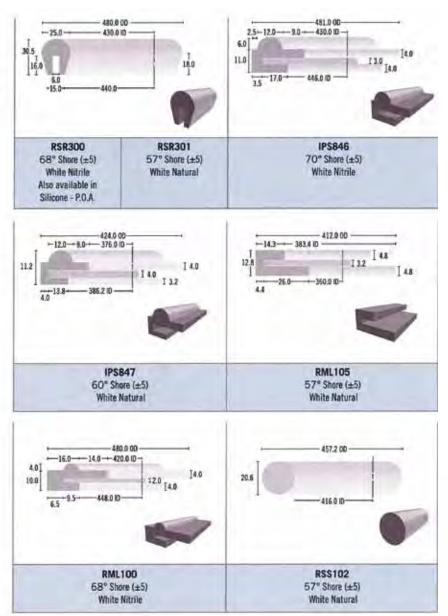
# Standard Lid Rings COMPOUND - NATURAL RUBBER - NITRILE - SILICONE

#### SKELLERUP LID RINGS are

manufactured from high grade white rubber acceptable to the milk and beverage industries. They are designed for sealing manhole ports where a metal flange is used to mount the ring. Lid rings are manufactured in a selection of sizes to suit most tankers and vats.

#### CUSTOM MOULDED RINGS

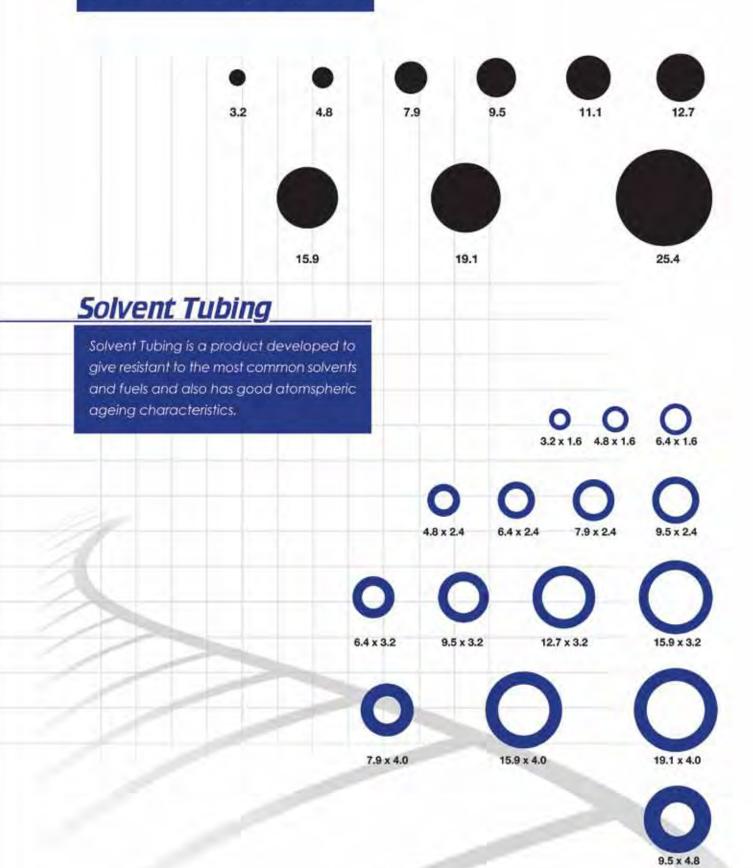
Custom moulded rings are also available and can be manufactured to order. If the standard sizes (see right) don't suit your purposes, please contact us and we will be happy to discuss your project with you.



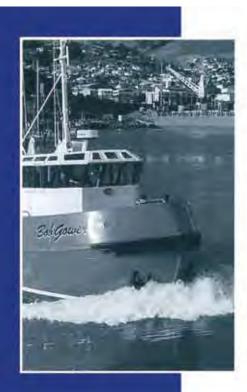


## Barrier Cord

Barrier Cord is made from highly resilient natural rubber. Although this product was originally made for use by Racing Clubs, it is now used in a wide range of applications.

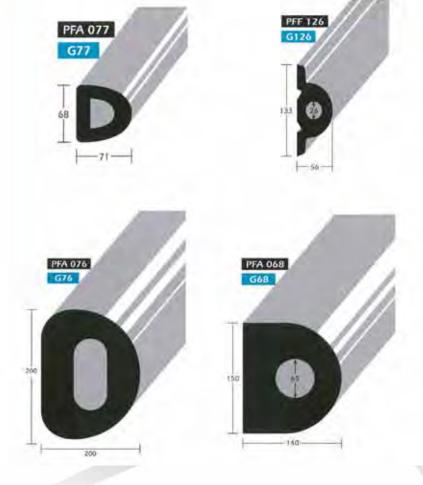


# **Docking Rubbers**





1 metre and 3 metre lengths available from stock.



# Wheel Arch Flare-Rubber



STD. FASTENERS

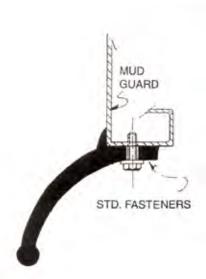
6.444

Wheel arch flare. Side fitting. 20m coil.

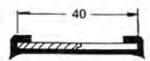


6.462

Wheel arch flare. Under fitting. 30m coil.

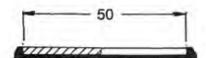


# Tank Straps



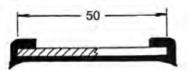
6.582

Tank straps to suit 40mm straps oil and fuel resistant nitrile.



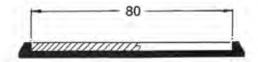
6.581

Bracket straps to suit 50mm non oil resistant.



#### 6.443

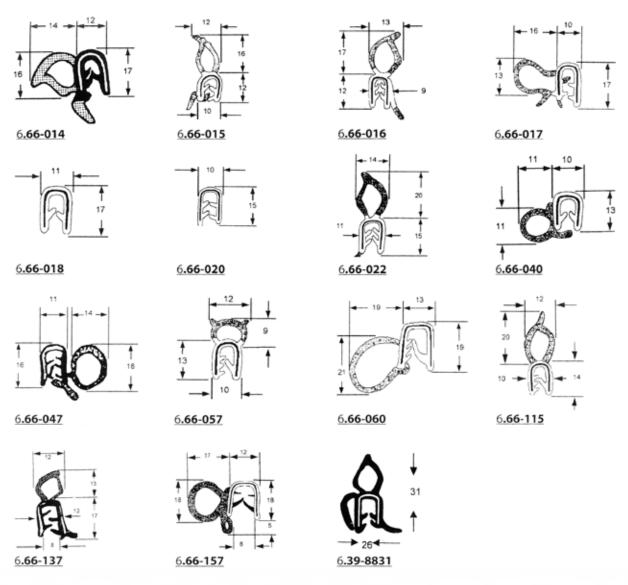
Tank straps to suit 50mm straps oil and fuel resistant nitrile.



#### 6.530

Bracket straps to suit 80mm straps oil and fuel resistant nitrile.

COMPOUND - E.P.D.M. - RUBBER - SPONGE - AVAILABLE ON REQUEST



# Wheel Chocks

Ideal for cars trucks and trailers - At least one hole to attach rope or chain for security.







6.WC1467A 205L 120W 100H.









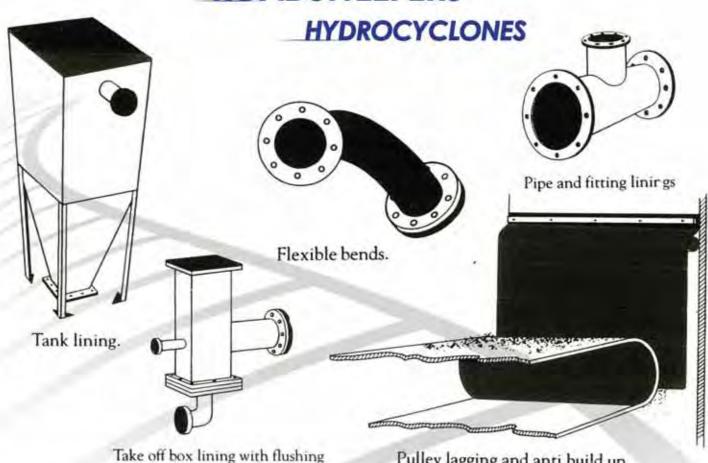
6.WC2556A 260L 180W 210H. 6.WC4 150L 65W 100H. 6.WC6 270L 150W 152H.

6.WC3783 300L 300W 260H.

# "WORKING FOR YOU"

We offer Factory or Onsite lining work which includes:

**TANKS** PIPE SPOOLS HOPPERS PUMPS **PULLEYS** ROADSWEEPERS



connection.

Pulley lagging and anti build up

curtains.

# Fabricated Rubber Seals and Components

### Linatex Fabrications - Seals, Sleeves, Connectors, Components



These examples have been fabricated to customers' instructions or designed to their requirements by Flexitech engineers. Each uses to the full one or more of the characteristic advantages of Linatex



