



rish
WaterJet Profile

Ltd

Global Rubber Solutions

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www.iwpl.net

Company Profile

Company Ethos

Established in 2003, Irish WaterJet Profile Ltd (IWPL) has invested significantly in CNC waterjet cutting, die-cutting, and punching technology. We supply rubber products to various Original Equipment Manufacturers (OEMs). IWPL specialises in profile cutting and supplies all cut rubber parts and associated items for the following industries:

**Quarry/Mining
Agriculture
Recycling
Engineering**

We have built strong partnerships with OEMs across Ireland, Europe, and America for over two decades, reinforcing our reputation as an industry leader. Whether you need custom-engineered components or a trusted precision-cutting partner, Irish WaterJet Profile Ltd delivers solutions beyond expectations.

Technology

Our company's success can be attributed to the unique versatility of our waterjet machines. Their precision and high cutting speed enable us to offer competitive prices on all our products.

CNC knife machines for high-precision rubber components.

CNC routers for precision plastic fabrication.

Specialised polyurethane processing for maximum durability.



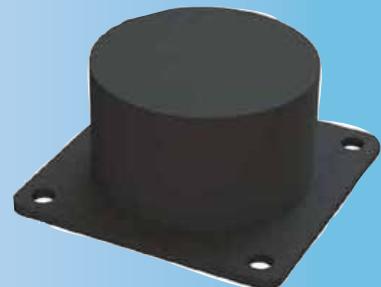
Product Overview



Profiled Rubber



Skirting Rubber



Rubber Buffers



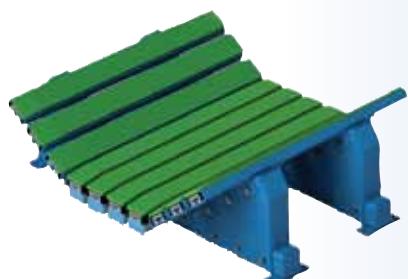
Extruded Rubber



Profiled Plastic



Polyurethane



Impact Bars



Conveyor Belting



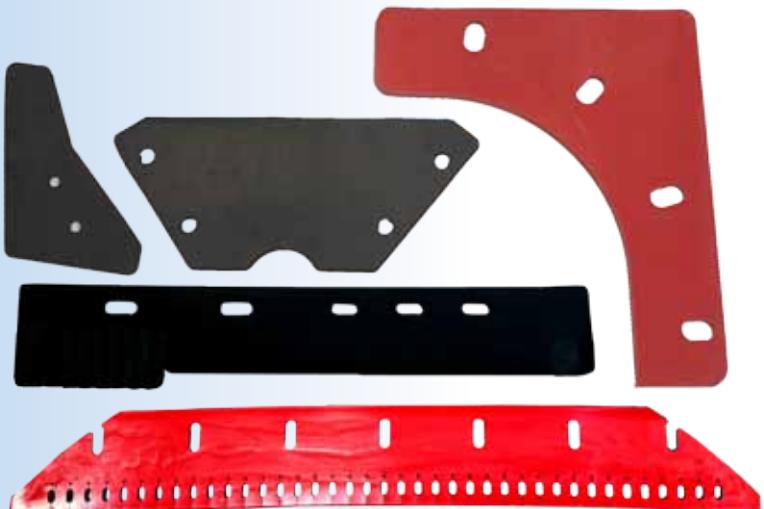
Canvas Covers

Profiled Rubber



Crushing & Screening

Durable rubber solutions for enhanced screening performance, used for skirting, scrapers, and abrasion-resistant parts.



Agricultural Rubber

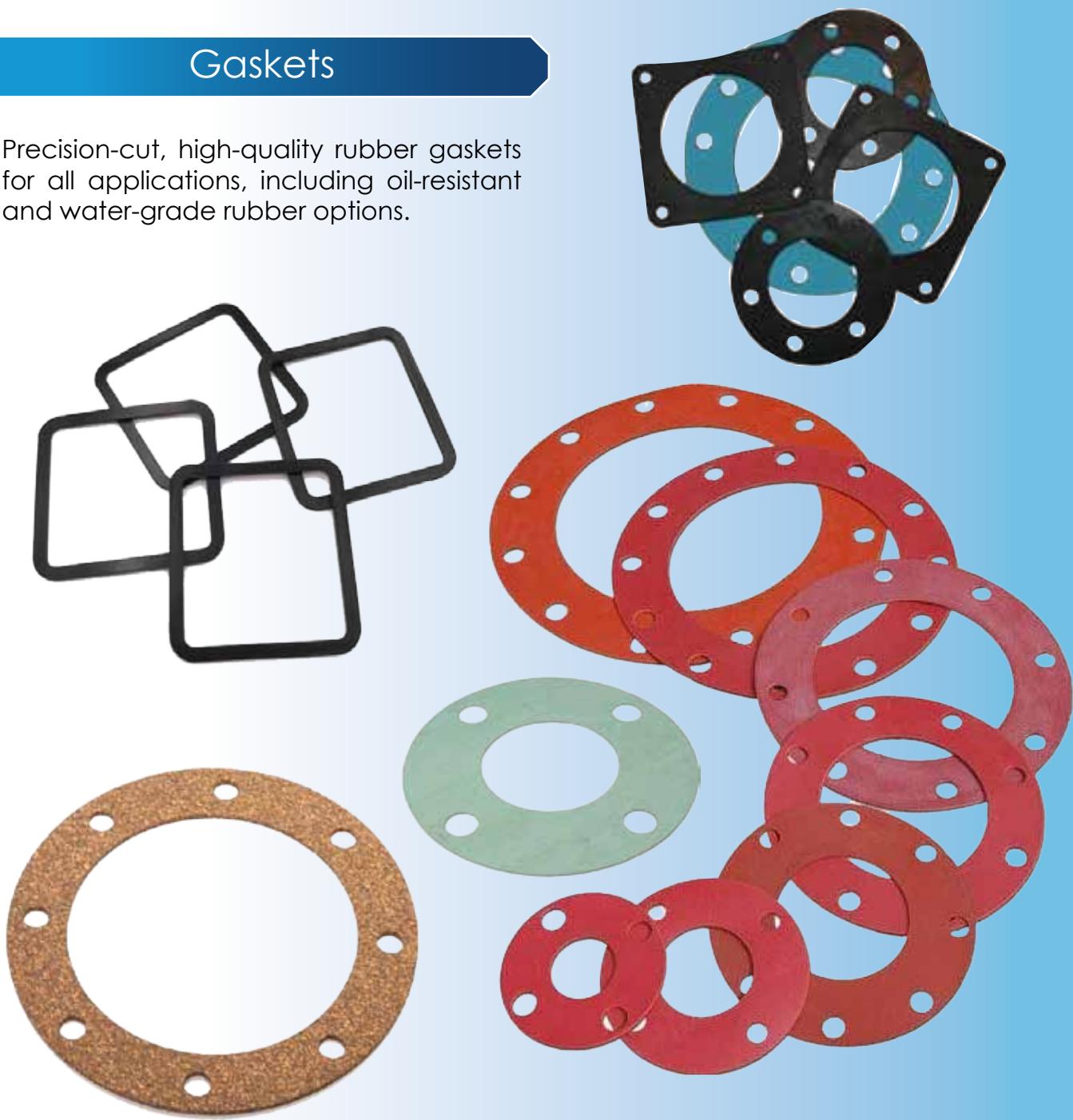


Reliable rubber products for agriculture. Our range of products include mud flaps, diet feeder paddles, slurry gaskets, and yard scraper rubber.

Profiled Rubber

Gaskets

Precision-cut, high-quality rubber gaskets for all applications, including oil-resistant and water-grade rubber options.



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Skirting Rubber



55 Shore A Black Skirting

High-quality 55 Shore A, 10mm skirting rubber supplied in 15 meter rolls, available in widths:

- 70mm
- 90mm
- 100mm
- 150mm
- 200mm

Custom cut non-standard thickness skirting from 10mm, 15mm and 20mm tailored to fit conveyor systems



40 Shore A Red Rubber

Durable skirting for demanding environments, preventing material spillage is manufactured in the following standard sizes

- 90mm
- 100mm
- 150mm

Custom non-standard sizes can be manufactured from 10mm or 20mm, 40 shore A red rubber for precise applications.



Polyurethane Skirting

Polyurethane skirting is a high quality, heavy duty material which can last 3-5 times longer than rubber skirting. This skirting can be produced in 15 meter long rolls in 10mm, 12mm, 20mm and 25mm thickness.

Rubber Buffers

Screen Buffers

Premium rubber screen buffers with vulcanized steel plates for easy mounting and durability. Minimize vibration damage and extend screen life.



Twin Plate Buffer

Heavy duty buffers for high vibration applications. Expertly vulcanized for durability and long service life in demanding environments.



Miscellaneous Buffers

Versatile buffers for vibration reduction, impact absorption, and machinery protection. Will enhance equipment longevity.

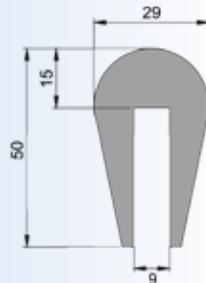


Extruded Rubber, Seals and Trims



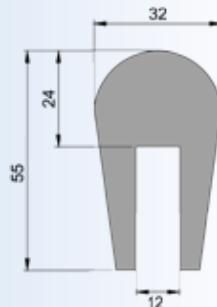
Screen Capping Rubber AR2

Durable 50mm x 29mm capping rubber protects mesh and extends lifespan. Available in 15 meter rolls or custom-cut lengths.



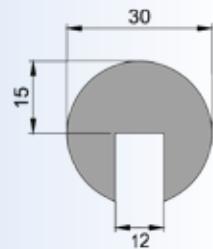
Screen Capping Rubber AR3

Heavy-duty 55mm x 32mm capping rubber for superior mesh protection. Supplied in 15 meter rolls or custom sizes.



Round Capping Profile

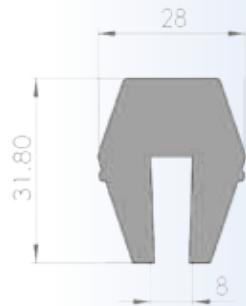
Flexible, medium-duty capping rubber for reliable screening protection. Available in 10 meter or 15 meter rolls or custom-cut.



Extruded Rubber, Seals and Trims

Flat Top Capping Rubber

Our high-quality extruded capping rubber protects mesh and screen cloth, extending lifespan and reducing wear. Available in 15 meter rolls or custom-cut lengths, it ensures a secure fit for all mesh types in heavy-duty screening.



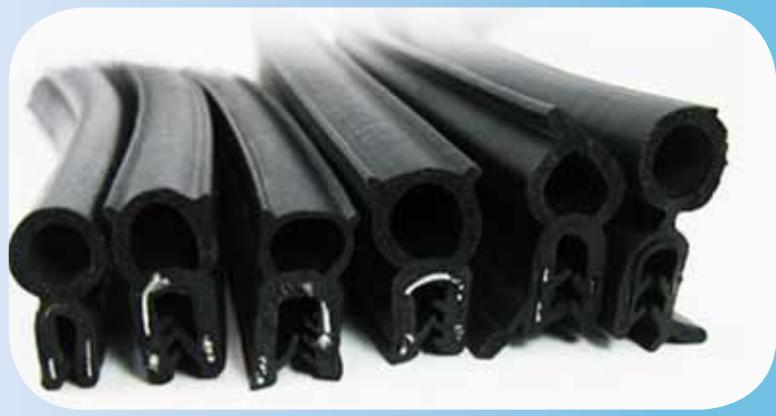
Seals & Trims

Versatile automotive seals and trims for secure and professional edge finishing.

Self-Adhesive Grip: Easy, secure installation.

Soft Sponge Bulb: Reliable sealing for doors, enclosures, and machinery.

Custom solutions are available for vibration damping and edge protection.



Profiled Plastic



Wear Strips

High-performance polyethylene wear strips reduce friction and extend component life. Custom-crafted with advanced CNC technology for superior durability and precision.



Miscellaneous Parts

Versatile machine plastics in multiple grades and thicknesses from 3mm to 30mm. Engineered for durability and reliability and tailored to your specific needs.

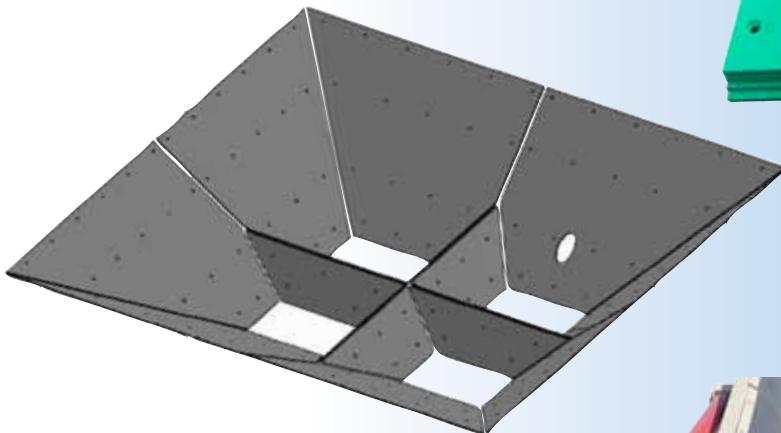


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Profiled Plastic

Chute Lining

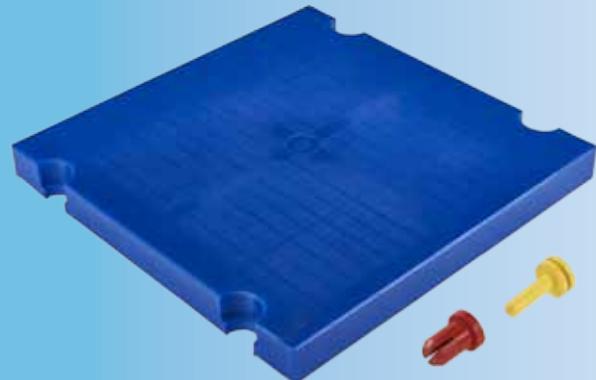
UHMW chute linings ensure smooth material flow and superior wear resistance. Self-lubricating and durable, they minimize buildup and reduce downtime.



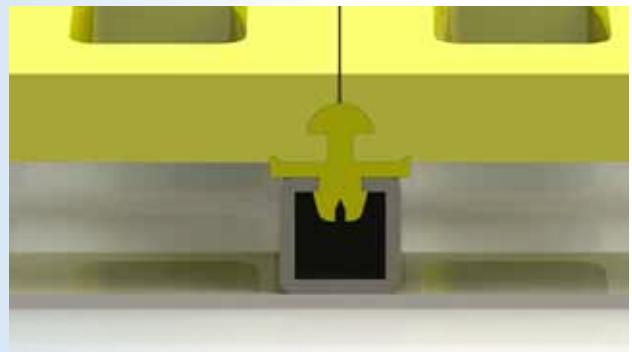
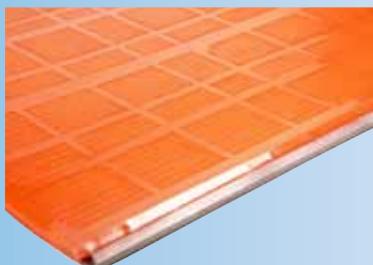
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Polyurethane

Polyurethane Screens



Durable, abrasion-resistant, and metal-reinforced for superior performance. Self-cleaning design reduces downtime, while quiet operation enhances efficiency. Built for demanding screening applications.

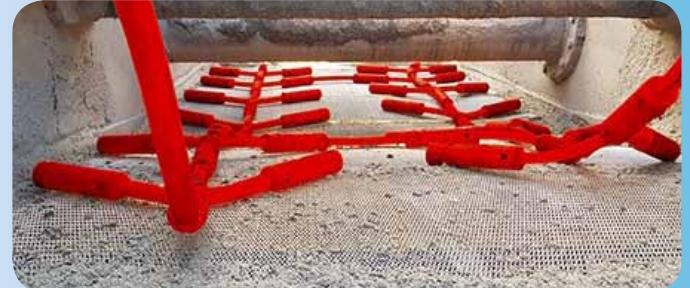


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Polyurethane

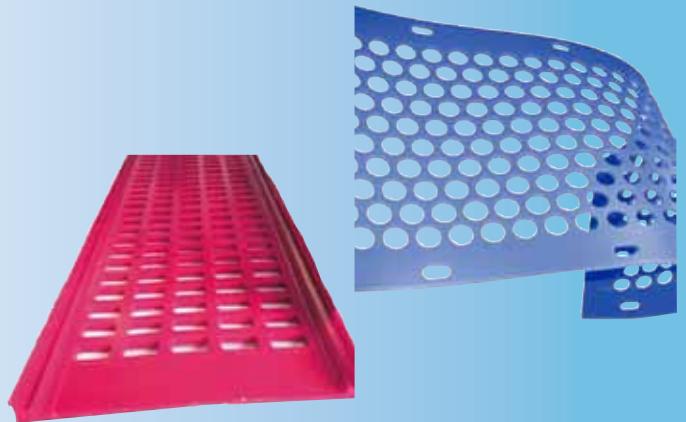
Screens Beaters

Eliminate blockages and optimise screening efficiency with durable, easy-mount polyurethane beaters. Designed to dislodge trapped material and enhance performance.



Flip Flow Screens

High-quality polyurethane screens with customisable hole patterns for versatile screening. Engineered for seamless integration, durability, and maximum efficiency.



Straight Scraper

Premium polyurethane scrapers for precise, efficient cleaning. It is fully customisable and built for durability in demanding applications.



Polyurethane

Tear Drop Scraper Assembly



High-wear-resistant multi-blade scrapers maintains a sharp edge for continuous belt cleaning. Designed for durability and optimal conveyor performance.



Q Blade Scraper Assembly



Quick-release design minimizes downtime with easy blade replacement. Polyurethane blade and cable tensioning ensure efficient, low-maintenance.



Chevron Scraper Assembly



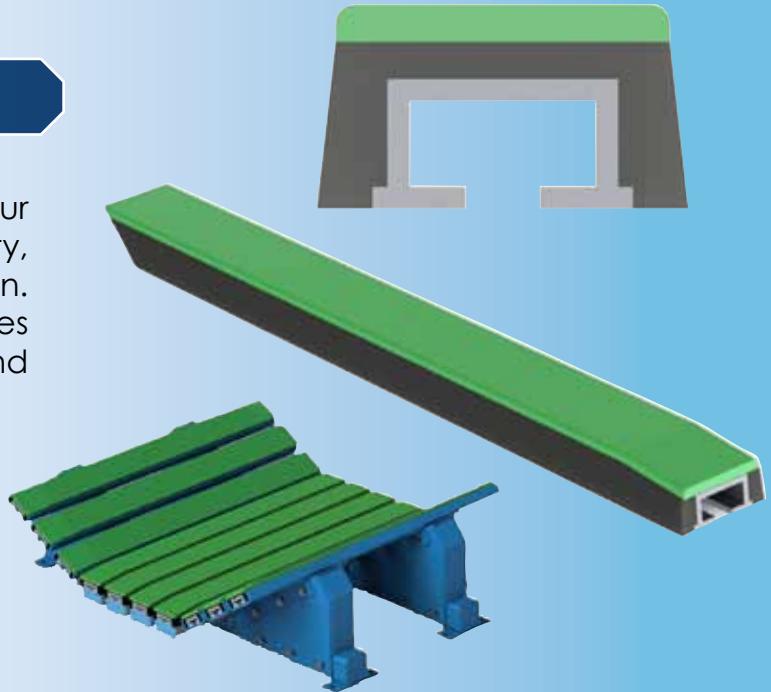
Engineered for chevron belts, its pulsating and flicking polyurethane fingers ensure superior cleaning. This system does not require a motor to clean belt.



Impact Bars

Impact Bars

Built for crushing and screening, our impact bars ensure superior durability, easy installation, and shock absorption. Their abrasion-resistant design enhances performance, minimizes downtime, and extends equipment life.



Polyurethane Impact Bars

More resistant than rubber, our polyurethane impact bars offer exceptional wear resistance, better belt support, and low maintenance efficiency. Engineered for longevity, they optimize material flow and reduce conveyor wear.



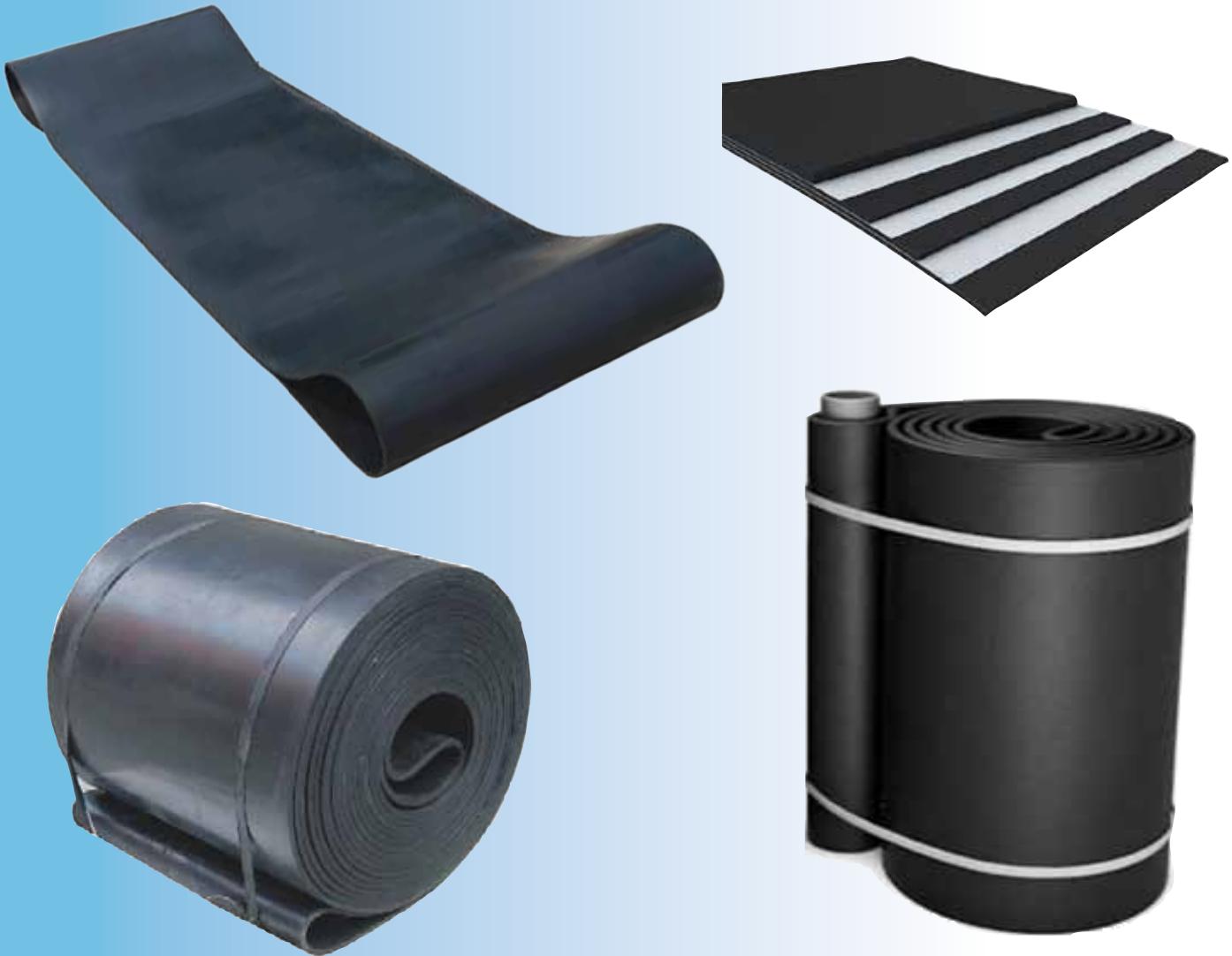
Conveyor Belts

Conveyor Belt

We manufacture a wide range of conveyor belts for different applications. These conveyor belts are used in mines & minerals industries, cement plants, thermal power plants, aggregate and quarry industries.

The belts we can supply can contain 1ply to 8ply fabric and be made up to 25mm thickness.

We supply seamless rubber conveyor belts to DIN 22102, ISO 10247 and BS 490.



Conveyor Belts

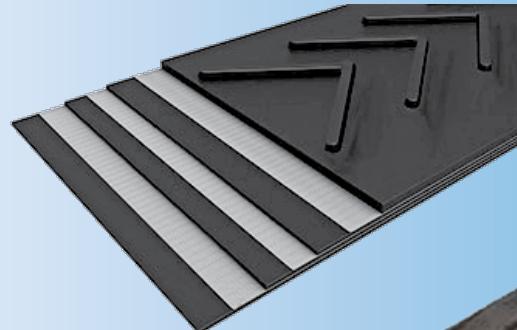
Chevron Belt

Chevron conveyor belts have cleats on their surface. These cleats ensure that the material is carried along the belt without roll back.

Below are some of the cleats we can supply:

- Open V
- Closed V
- L Type
- F Type
- H Type
- Y Type

We can also customize the design of cleat pattern to suit your requirements.



Rubber Bonding



Glue, Hardener and Primer

Bonding system that contains a glue, hardener and primer. This system is a cold vulcanizing adhesion without the aid of heat. These products can be used for bonding rubber to rubber or rubber to metal.



Bonding Layer Rubber



This rubber is used to create a strong adhesive bond to another material such as metal. Rubber lining is used to protect equipment from damage and improve the life span of the machine. The bonding layer on the rubber improves the adhesion of the rubber to the surface. The adhesion on the bonding layer rubber would be stronger than using standard natural rubber.

We supply this rubber in 60 shore A hardness in black in thickness: 3mm, 6mm, 10mm, 15mm and 20mm



Canvas Covers

Spring Covers

High-quality canvas spring covers with velcro closure for quick installation and inspection. Customisable for a perfect fit, enhancing safety and durability.



Canvas Machine Covers

High quality canvas machinery covers for the agricultural industry. These covers are 100% water, UV light and weather resistant. Supply machinery blade protection covers to ISO 17103:2009



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Stock Materials

Profile Sheet Material

We stock a wide range of sheet materials which are used on our CNC machines to create the customers profiled parts. The list of materials shown in the tables are the industries most commonly used materials.

If the required material is not in the table below we can source or offer a suitable substitute.

Material	Material Code	Description	Thicknesses	Typical applications
3mm insert	SM120	Rubber sheet with 1 fabric ply of 100N/mm strength with 1mm thick top cover rubber and 1mm thick bottom cover rubber.	3mm	Light duty rubber used for gaskets and resistance to tearing is required.
7mm 1ply	EP100/1, 3MM + 3MM	Rubber sheet with 1 fabric ply of 100N/mm strength with 3mm thick top cover rubber and 3mm thick bottom cover rubber.	7mm	Light/medium duty rubber curtains where bolted fixing is used and resistance to tearing is required.
8mm 2 ply	EP200/2, 2.5MM + 2.5MM	Rubber sheet with 2 fabric ply of 100N/mm strength with 2.5mm thick top cover rubber and 2.5mm thick bottom cover rubber.	8mm	Medium/heavy duty rubber curtains and liners where bolted fixing is used and resistance to tearing is required.
10mm 3ply	EP315/3, 3MM + 3MM	Conveyor belt rubber with 3 fabric plies of 105N/mm strength with 3mm thick top cover rubber and 3mm thick bottom cover rubber.	10mm	Medium/heavy duty rubber curtains and liners where bolted fixing is used and stronger resistance to tearing is required.
12mm 4ply	EP630/4 6mm + 2mm	Conveyor belt rubber with 4 fabric plies of 158N/mm strength with 6mm thick top cover rubber and 2mm thick bottom cover rubber.	12mm	Medium/heavy duty rubber curtains and liners where bolted fixing is used and stronger resistance to tearing is required.
18mm 4 ply	EP500/4 10mm + 4mm	Conveyor belt rubber with 4 fabric plies of 125N/mm strength with 10mm thick top cover rubber and 4mm thick bottom cover rubber.	18mm	Heavy duty rubber curtains and liners where bolted fixing is used and stronger resistance to tearing is required.
20mm 4ply	EP500/4 8mm + 8mm	Conveyor belt rubber with 4 fabric plies of 125N/mm strength with 8mm thick top cover rubber and 8mm thick bottom cover rubber.	20mm	Heavy duty rubber curtains and liners where bolted fixing is used and stronger resistance to tearing is required.
Cork Rubber	Cork	Nitrile rubber bonded cork.	3mm	Gaskets where oil resistant properties are required.
Sponge Sheet	CF3	Closed cell air hole structure foam - plain surface on both sides.	10mm, 20mm	Sound proofing, vibration reduction, impact reduction, gaskets.

Stock Materials

Material	Material Code	Description	Thicknesses	Typical applications
Red Rubber	40 shore hardness	40 shore hardness rubber - plain surface on both sides.	3mm, 6mm, 10mm, 15mm, 20mm	Red Conveyor skirting where high abrasion resistance is required.
Black Rubber	50 shore hardness	50 shore hardness rubber - plain surface on both sides.	6mm, 10mm, 15mm, 20mm	Conveyor skirting rubber/any part fixed against a moving conveyor belt.
Black Rubber	60 shore hardness	60 shore hardness rubber - plain surface on both sides.	10mm, 15mm	Wear resistant rubber lining of chutes, hoppers, feed boots, etc.
Black Bonding Layer	60 shore hardness FT/BT	Wear rubber with bonding layer	3mm , 6mm, 10mm, 15mm, 20mm	Bonding rubber to steel, rubber lining, chutes, etc.
Red Bonding Layer	40 shore hardness FT/BT	High wear rubber with bonding layer	3mm , 6mm, 10mm, 15mm, 20mm	Bonding rubber to steel, rubber lining, chutes etc.
Polyurethane	PUR2000	Polyurethane sheet - plain on both sides.	10mm, 20mm, Moulded Parts	Belt scrapers, tail ploughs, heavy duty skirt material. Where very high wear resistance is required.
PE 300	UHMW Pe 300	UHMW PE or Polyethylene low friction sheet.	6mm, 10mm	Areas where low friction material is required with medium wear resistance requirements.
PE 1000 Regen	UHMW Pe 1000 Regen	Regenerated UHMW Pe or Polyethylene low friction sheet.	12mm , 20mm	Areas where low friction material is required with high wear resistance requirements.
PE 1000	UHMW Pe 1000	Virgin UHMW Pe or Polyethylene low friction sheet.	3mm, 6mm, 10mm, 15mm, 20mm, 30mm, 50mm	Areas where low friction material is required with high wear resistance requirements.
Polycarbonate	Polycarbonate	Clear transparent glazing material which provides 200 times more impact resistance than glass at only half the weight.	5mm, 8mm, 10mm	To replace glass, windows, viewing panels, machine covers where viewing is required.
Black Canvas	B6055/7999	1400 gsm heavy duty PVC canvas. It's a durable, UV stabilised, high strength waterproof and rot proof cover	1.15mm	Machinery canvas covers, spring covers
Grey Canvas	B6055/7002	1400 gsm heavy duty PVC canvas It's a durable, UV stabilised, high strength waterproof and rot proof cover	1.15mm	Machinery canvas covers, spring covers

Customised Kit

Customised Kit

We can produce tailored product kits to help streamline OEM assembly with all required components. Flexible packaging and delivery to ensure efficiency, convenience, and time savings.



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Supply To

Trusted by Industry Leaders Worldwide

At Irish WaterJet Profile Ltd, our expertise in precision cutting solutions has made us a preferred partner for some of the world's leading manufacturers.



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Location Map



Irish Waterjet Profiles Ltd.

Coolcor

R446

R389

Kilbeggan

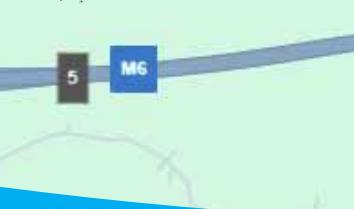
R446

Old Relic Road

R438

M6

M6



Products

Profiled Rubber

Skirting Rubber

Extruded Rubber

Rubber Buffers

Rubber Seals & Trims

Profiled Plastic

Impact Bars

Polyurethane

Canvas Covers

Irish WaterJet Profile Ltd
Moate Road
Kilbeggan
Co. Westmeath
Ireland
N91 X368

Services

Waterjet Cutting

CNC Cutting

CNC Router

Die Cutting

Punching Technology

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