



Engineering Plastics

To keep your industry moving

SUPPLY SERVICES
performance engineering products



SUPPLY SERVICES

performance engineering products

KEEPING YOUR
INDUSTRY MOVING
SINCE 1980

Engineering Plastics

Our comprehensive selection of premium engineering plastic materials and industrial composites are widely utilised across New Zealand industry. From bottle filling plants to bridge building, underground mining to outer space; our materials keep things moving.

02 | HIGH PERFORMANCE
MATERIALS

10 | COMPOSITE &
LAMINATE MATERIALS

03 | ENGINEERING
MATERIALS

11 | SPECIALTY
MATERIALS

08 | STANDARD
MATERIALS

13 | ANTI-SKID
PRODUCTS

High Performance Materials

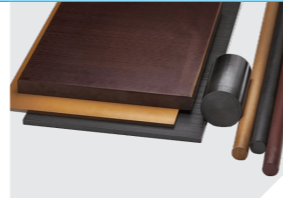
Our premium range of high performance amorphous or semi-crystalline thermoplastics and imidised materials are capable of long-term thermal stability up to 260°C. Some to 300°C with short term bursts up to 400°C. Our selection includes PTFE, PEEK, PVDF, PSU, PPSU, PEI, PPS, PBI, PAI, and PI materials from leading international manufacturers.

These materials generally offer the highest strength and stiffness, plus water, steam and chemical resistance. All materials are available in a range of modified grades.

PI

TECASINT PI is a non-melting & fire-resistant polymer offering excellent retention of mechanical & physical properties at temperatures up to 300°C. Widely used in the glass industry.

COLOUR: **Natural, Black, Grey-Green, Yellow-Brown** SPECS: **TECASINT** LONG TERM SERVICE TEMP: **300°C**



TORLON PAI

Outstanding loading capacity, rigidity and strength. TECATOR PAI is widely used to replace metal parts where lighter, weight saving parts are required. Up to 270°C continuous.

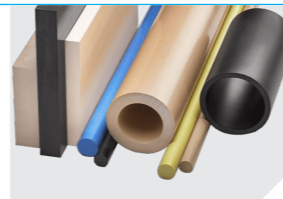
COLOUR: **Natural & Black** SPECS: **TECATOR** LONG TERM SERVICE TEMP: **270°C**



PEEK

Excellent sliding properties, very good mechanical properties, even under thermal load and has excellent resistance to chemicals. Universally useable design material for highly stressed parts.

COLOUR: **Natural, Black & Colours** SPECS: **TECAPEEK** LONG TERM SERVICE TEMP: **260°C**



PTFE (Teflon®)

Very high chemical resistance with a continuous service temperature of 260°C. Amazing sliding characteristics, as well as excellent electrical properties. Flame retardant. Fillers available such as glass, carbon, bronze to improve properties.

COLOUR: **White & colours** SPECS: **GUARNIFLON®** LONG TERM SERVICE TEMP: **260°C**



PPS

TECATRON PPS offers exceptional chemical resistance, excellent mechanical properties & dimensional stability over a range of temperatures. Flame retardant. Very chemically resistant material at high temperatures.

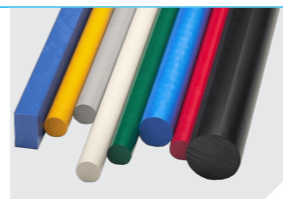
COLOUR: **Natural & Black** SPECS: **TECATRON** LONG TERM SERVICE TEMP: **230°C**



PPSU

TECASON P PPSU has higher impact strength, better chemical resistance than TECASON S PSU. Low moisture absorption. Suitable for super hot sterilisation. Used widely in the medical industry.

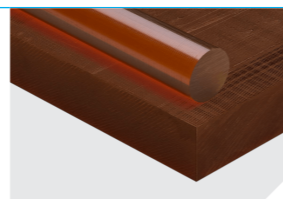
COLOUR: **9 colours available** SPECS: **TECASON P** LONG TERM SERVICE TEMP: **170°C**



PEI

TECAPEI PEI offers high heat resistance, mechanical strength & rigidity. Extremely strong and stiff. Can withstand repeated sterilization. Amber in colour & widely used in the medical & chemical industries.

COLOUR: **Amber** SPECS: **TECAPEI** LONG TERM SERVICE TEMP: **170°C**

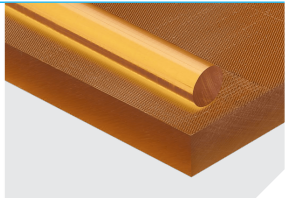


High Performance Materials CONT.

PSU

TECASON S PSU is a high temperature thermoplastic known for high mechanical strength & dimensional stability at high operating temperatures. Good resistance to hydrolysis.

COLOUR: **Amber** SPECS: **TECASON S** LONG TERM SERVICE TEMP: **160°C**



PVDF

TECAFLON PVDF is a stable fluoropolymer used in applications requiring high purity with outstanding resistance to chemicals & higher mechanical strength.

COLOUR: **Natural** SPECS: **TECAFLON** LONG TERM SERVICE TEMP: **150°C**



Engineering Materials

Our range of amorphous or semi-crystalline engineering thermoplastics are generally suitable for applications up to 120°C. Engineering plastics tend to be of medium cost, with moderate temperature resistance, mid-range strength, and exhibit good impact and chemical resistance. Our selection encompasses cast and extruded Nylons PA6 and PA66, Acetal POM, PBT, PET and Polycarbonates. Additionally, modified grades of all materials are available.

Cast Nylon PA6C

Compared to extruded PA6E, cast nylon has better physical properties such as higher tensile strength, maximum stiffness and hardness, better wear resistance, lower moisture absorption and better dimensional stability. It particularly suits the production of large parts and thick wall sections.

COLOUR: **Natural & Colours** SPECS: **TECAST T** LONG TERM SERVICE TEMP: **100°C**



Cast Nylon PA6C Oil Filled

NYLON OIL is a lubricant modified cast PA6C which is particularly suitable for applications involving dry running. The uniform distribution of lubricant over the whole cross-section achieved with NYLON OIL guarantees a constant sliding and wear behaviour throughout the whole service life.

COLOUR: **Yellow** SPECS: **TECAST L Yellow** LONG TERM SERVICE TEMP: **100°C**



Whatever you're engineering, we can help.

Our customer support is only a phone call away -

0800 102 112

Cast Nylon PA6C MoS2 filled

Similar to standard PA6C but with added solid lubricant Molybdenum Disulfide. Good UV resistance and improved sliding properties. High surface hardness, high strength, good damping properties. Tough material providing high abrasion resistance. Machines well.

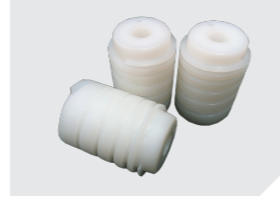
COLOUR: Black	SPECS: TECAST T MO	LONG TERM SERVICE TEMP: 100°C
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Extruded Nylon PA6E

PA6E extruded nylon provides good damping capacity, good impact strength and a high degree of toughness even at low temperatures. Good wear resistance, especially against rough surfaces finishes. Good overall resistance to chemicals.

COLOUR: Natural	SPECS: TECAMID 6	LONG TERM SERVICE TEMP: 100°C
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Extruded Nylon PA66E

PA66E has good rigidity, hardness, abrasion resistance and thermal dimensional stability. It has better machinability than PA6E and is particularly suitable for parts which are subjected to high mechanical and thermal loads.

COLOUR: Natural	SPECS: TECAMID 66	LONG TERM SERVICE TEMP: 100°C
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Acetal POM-C & H

Low moisture uptake, good fatigue strength and rigidity, easily machined. Good dimensional stability for precision parts with tight tolerances. Good sliding characteristics. Retains impact strength even at low temperatures.

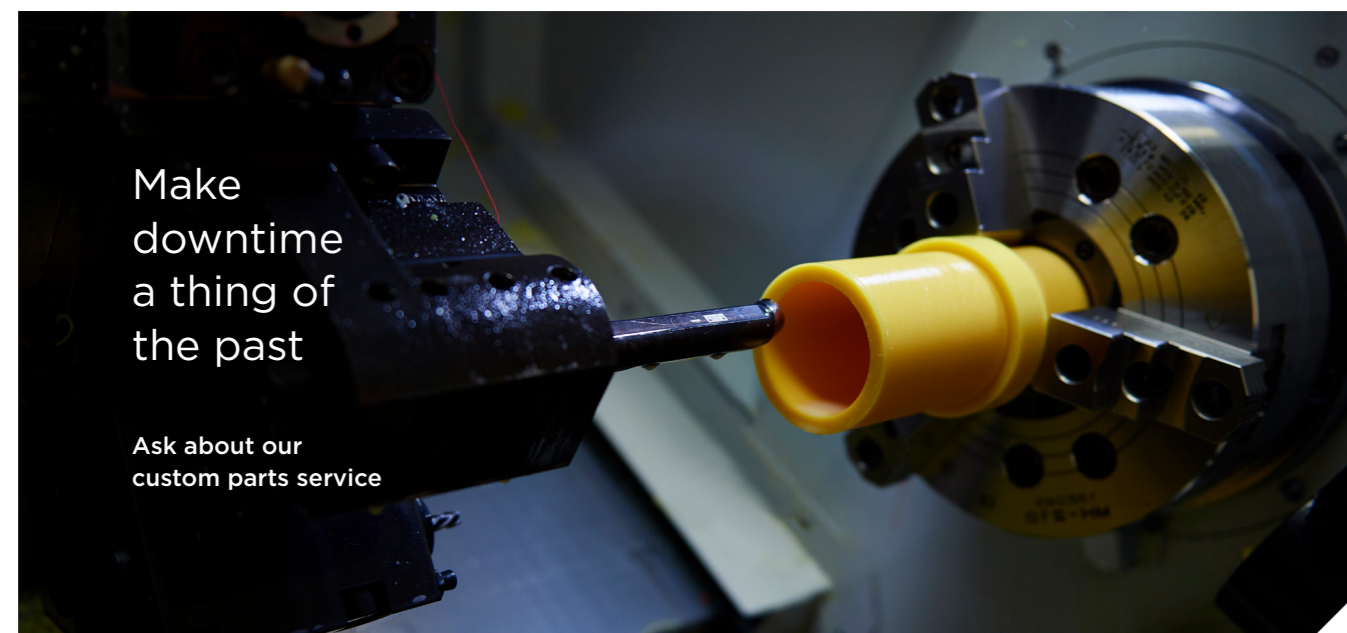
COLOUR: White, Black & Blue	SPECS: TECAFORM AH	LONG TERM SERVICE TEMP: 100°C & 110°C
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Acetal PE Blend (POM-C + 10PE)

All the characteristics of Acetal POM-C but with added polyethylene (PE) as a solid lubricant for improved sliding properties and abrasion resistance. This product has minimal water absorption.

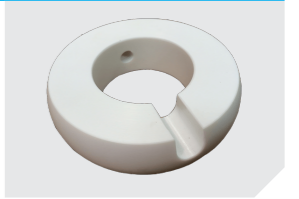
COLOUR: Blue	SPECS: TECAFORM AH LA Blue	LONG TERM SERVICE TEMP: 100°C
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PET

Good wear properties in moist or dry surroundings, high dimensional stability due to low thermal expansion, low moisture uptake, good dielectric properties, good chemical resistance.

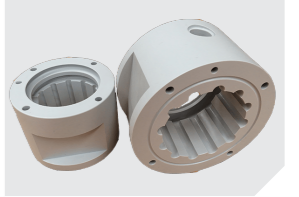
COLOUR: White	SPECS: TECAPET	LONG TERM SERVICE TEMP: 110°C
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PET TF (PET + PTFE)

Similar to standard PET but with a lower coefficient of friction. Enhanced sliding and abrasion resistant properties. Low moisture absorption with excellent chemical resistance.

COLOUR: Light Grey	SPECS: TECAPET TF	LONG TERM SERVICE TEMP: 110°C
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Polycarbonate (PC)

Polycarbonates are transparent and have exceptional high impact properties over a wide temperature range. Can be hot or cold formed and is virtually unbreakable. Great for machine guarding applications.

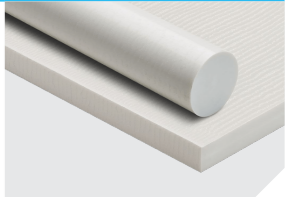
COLOUR: Transparent	SPECS: TECANAT	LONG TERM SERVICE TEMP: 120°C
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PBT GF30

30% glass fibre reinforced polyester offers very high rigidity, high mechanical and creep strength. Ideal material for complicated parts requiring very high dimensional stability.

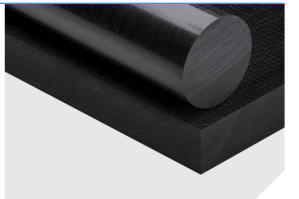
COLOUR: Grey-White	SPECS: TECADUR PBT GF 30	LONG TERM SERVICE TEMP: 110°C
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Nylon PA 66 GF30

Extruded Nylon PA66 with 30% glass fibres increases mechanical properties such as very high strength, rigidity, creep strength, UV resistance and dimensional stability. Higher service temperature.

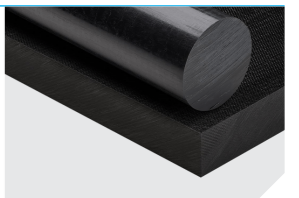
COLOUR: Black	SPECS: TECAMID 66 GF30	LONG TERM SERVICE TEMP: 110°C
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Nylon PA 66 MoS2 Filled

Extruded Nylon PA66 with the addition of molybdenum disulphide (MoS2) which improves sliding and frictional properties. Impact strength is reduced. Higher service temperature.

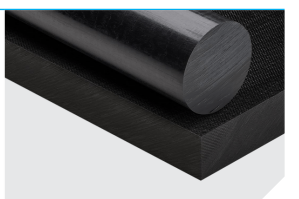
COLOUR: Grey-White	SPECS: TECAMID 66 MO	LONG TERM SERVICE TEMP: 110°C
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Nylon PA 6 MoS2 Filled

Extruded Nylon PA6 with the addition of molybdenum disulphide (MoS2) which improves sliding and frictional properties. Impact strength is reduced.

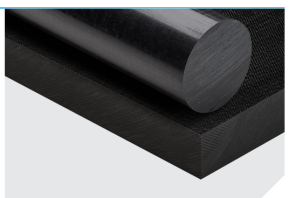
COLOUR: Grey-White	SPECS: TECAMID 6 MO	LONG TERM SERVICE TEMP: 100°C
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Nylon PA 6 GF30

Extruded Nylon PA6 with 30% glass fibres increases mechanical properties such as higher strength, rigidity, creep strength and dimensional stability.

COLOUR: Grey-White	SPECS: TECAMID 6 GF30	LONG TERM SERVICE TEMP: 100°C
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CAD

We can manipulate your CAD models and drawings or create them for you from your parts or sketches. If required, we can design your parts from scratch.

Our CAD engineers are able to design complex parts and assemblies from our range of engineering materials that are in use across all industry sectors. They even design sprockets and bottling line change parts.

Conventional & CNC machining

Our three machining shops located across New Zealand is where the magic happens.

As well as conventional turning and milling capabilities, we have skilled CNC operators who can turn your material or idea into components. Our machine shops can make finished parts from any of our engineering materials or composites.

Full Service Start to finish, nationwide.

All three of our nationwide branches offer CAD design, manual and CNC machining services; all are fully stocked with engineering plastics, chains, sprockets and associated parts. No matter where you are in the country, we have the people and the know-how to help you out.

SUPPLY SERVICES

performance engineering products

Cut to size plastics

Plastic rods, tubes, sheets and films- we have every size, grade and type of engineering plastic available from leading global manufacturers. We can provide off-the-shelf or manufactured parts to your specifications.

We also stock a comprehensive range of specialist OEM plastic products for the wood processing industry. No matter where you are in New Zealand, we're right there with you.

Reverse engineering

Give us your part and we'll recreate it, even if its broken or worn out.

We've invested heavily in technology and training to help our customers replace old parts with new ones. We can hard probe or use contactless 3D laser scanning techniques to digitise your component and reverse engineer it, and then in the machine shop make the parts.

Welding, Assembly & Fabrication

We work across all industry sectors manufacturing high quality parts, fabricating and assembling them at our site to reduce interruption to your production.

Inventory & Warehousing

Do you need a regular supply of components but have nowhere to store them?

We can manufacture your parts, stock them in our secure warehousing facilities and dispatch when you need them, charging you as you go.

Our end-to-end procurement, storage and installation service eases cashflow and ensures your parts are on hand when you need them.

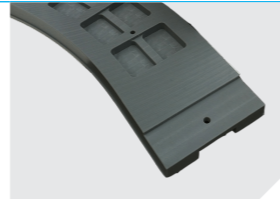
Standard Materials

Our range of standard plastic materials are referred to as commodity plastics. These materials are either amorphous or semi-crystalline thermoplastics which are generally low cost, have low temperature resistance, low strength, but are widely used across many New Zealand industries in applications up to 90°C. Our range encompasses different thicknesses and colours of UHMW-PE, HMW-PE, HD-PE, LD-PE, PVC, ABS, PPE, Acrylic, Polyurethane and Polypropylene.

UHMW-PE Premium

Polyslick™ XL is the superlative abrasion resistant grade of Ultra High Molecular Weight Polyethylene (UHMW-PE). XL grade is further enhanced with either silicone (XLS) for release and slip, or with glass (GXL) for unparalleled wear resistance. POLYSLICK™ XL grades are UV stabilised and have reduced thermal expansion.

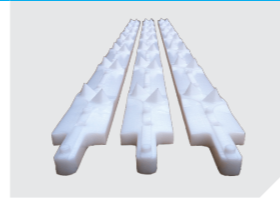
COLOUR: **Orange & Grey** SPECS: **Polyslick™ XL** LONG TERM SERVICE TEMP: **90°C**



UHMW-PE Natural

Ultra High Molecular Weight Polyethylene (UHMW-PE) is often referred to as the world's toughest polymer. UHMW-PE has high abrasion resistance, as well as excellent impact strength. It is chemically resistant and has a low coefficient of friction which makes it highly effective in a variety of applications.

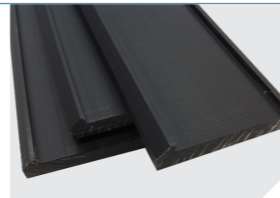
COLOUR: **Natural, Black & Colours** SPECS: **Polyslick™ Virgin** LONG TERM SERVICE TEMP: **90°C**



UHMW-PE Reprocessed

Reprocessed grade UHMW-PE utilises finely ground post production material to produce an economical substitute to using 100% virgin resin. Technical properties will be reduced from virgin material although hardness may be slightly increased. Generally the colour is black but it may show other coloured particles.

COLOUR: **Black** SPECS: **Polyslick™ Repro** LONG TERM SERVICE TEMP: **90°C**



HMW-PE (PE500)

Compared to UHMW-PE, HMW-PE has approximately 10% of the impact strength and only 25% of its abrasion resistance. HMW-PE has a slightly better price point than UHMW-PE and may be used where impact and abrasion are not a primary concern.

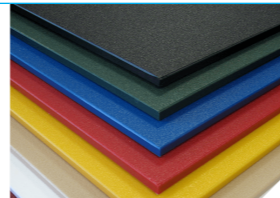
COLOUR: **Natural, Black & Colours** SPECS: **Densetec™ HMW-PE** LONG TERM SERVICE TEMP: **90°C**



HD-PE (PE300)

Compared to UHMW-PE, HD-PE has approximately 6% of the impact strength and only 25% of its abrasion resistance. HDPE has the highest tensile strength of both UHMW-PE and HMW-PE and is the hardest material of the three. Typically, it is an extruded sheet product which can have a glossy or embossed finish.

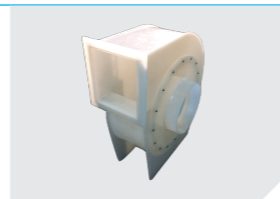
COLOUR: **Natural, Black & Colours** SPECS: **Densetec™ HD-PE** LONG TERM SERVICE TEMP: **90°C**



Polypropylene

Polypropylene offers a good balance of thermal, chemical and electrical properties with moderate strength. Copolymers offer better impact resistance, while Homopolymers are stiffer and have higher operating temperatures. Abrasion resistance is poor.

COLOUR: **Natural, Black, White, Beige** SPECS: **Densetec™ Polypropylene** LONG TERM SERVICE TEMP: **PP-C 80°C/PP-H 100°C**



Standard Materials CONT.

PVC Unplasticised

Excellent strength to weight ratio, chemical and flame resistance, make unplasticised PVC the material of choice for a wide range of applications. Offering low cost, rigid and durable, solvent cementable with excellent electrical insulation makes this a very versatile material.

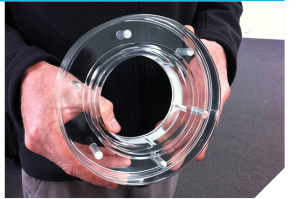
COLOUR: **Grey, Black, White** SPECS: **Unplasticised PVC** LONG TERM SERVICE TEMP: **60°C**



Acrylic PMMA

Acrylics are strong, stable, weather resistant and thermoformable. Sheets are available in transparent, translucent, and opaque colours, as well as a variety of surface textures. Also known as Perspex®.

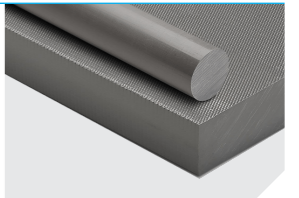
COLOUR: **Clear & Colours** SPECS: **GEHR & TECANAT** LONG TERM SERVICE TEMP: **80°C**



ABS

TECARAN ABS offers a good balance of mechanical, chemical and electrical characteristics. Impact properties are also exceptionally good at room temperature. Able to be bonded and welded.

COLOUR: **Grey** SPECS: **TECARAN** LONG TERM SERVICE TEMP: **75°C**



PPE

TECANYL PPE exhibits unusually low moisture absorption because of its inherent composition. Good electrical insulating properties are achieved over a wide range of humidity and temperature conditions. Chemical attack from water, most salt solutions, acids and bases is also minimal.

COLOUR: **Beige, Black & Grey** SPECS: **TECANYL** LONG TERM SERVICE TEMP: **60°C**



Polyurethane PU

An elastomeric material of exceptional physical properties such as, toughness, flexibility and resistance to abrasion, temperature, puncture and tearing. Grades from shore hardness 50A to 75D. PU combines the toughness of metal with the elasticity of rubber. PU can be custom cast, enabling it to be cost effective for small to medium production runs.

COLOUR: **Transparent & Colours** SPECS: **Northane™ | Norzorb™** LONG TERM SERVICE TEMP: **85°C**



Reverse Engineering

We can 3D scan your components and recreate them, firstly in CAD and then in the machine shop

Composite & Laminate Materials

Manufactured from various base resins such as phenolic, epoxy, melamine, silicone and polyester. Then combined with various layers of reinforcing using paper, cotton, glass matting or other high performance fabrics incorporating carbon fiber or Kevlar, they create a diverse range of materials to suit many industrial applications. From electrical switchboards to ocean-going ships' stern tube and rudder bearings, we have the composite to keep your operation moving.

Tristar CJ & FCJ Bearings

Light weight, high strength, fatigue resistant CJ composites are the ideal bearing choice for non-lubricated, high load/low speed applications. CJ bearings provide excellent resistance to impact and shock loads and are capable of withstanding a high degree of shaft misalignment. CJ and FCJ bearings have fixed ID and OD's and just need to be pressed into a housing. Ask us for a CJ brochure.



ACM L2 Marine™

ACM L2 Marine is a high load composite bearing material that has been specifically formulated for marine environment applications. With virtually zero swell in water and very low thermal expansion coefficients, L2 Marine is ideally suited for rudder/pintle bearings and stern tube bearing applications. Class approvals are held from many of the world's foremost societies. Available in the form of tube, sheet or fully machined parts.



NEMA G10 & FR4 Epoxy/Glass

Epoxy/Glass combinations yield thermoset composites with superior physical properties and outstanding performance in both low-temperature and high-temperature environments for electronics, military, oil & gas, aerospace and power generation applications. FR4 contains brominated flame retardants for self-extinguishing flammability characteristics.



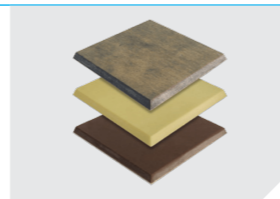
ACM Tribotex™ 7

The ACM Tribotex 7 range of materials is our most popular range and has applications in almost every environment when tailored with the correct lubricating additives. Advanced resin bonded, fibre reinforced bearing material combining engineering fabrics, thermosetting resins and solid lubricants. Available in the form of tube, sheet or fully machined parts.



Grade NEMA C Phenolic/Canvas

Phenolic/Canvas is a coarse weave cotton machining grade for structural and mechanical applications. It has better impact strength than phenolic/paper grades.



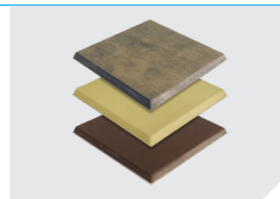
ACM Tribotemp™ 10

The ACM Tribotemp 10 range incorporates aramid fabrics to give improved temperature performance whilst retaining the low friction properties of the Tribotex 7 materials. Advanced resin bonded, fibre reinforced bearing material combining engineering fabrics, thermosetting resins and solid lubricants. Available in the form of tube, sheet or fully machined parts.



Grade NEMA L Phenolic/Linen

Phenolic/Linen is a medium weave cotton with superior machining and punching properties over Grade C.



Composite & Laminate Materials CONT.

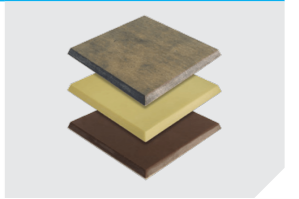
ACM Triboglide™ 15

The ACM Triboglide 15 range of materials offers the lowest dry running friction of the ACM material range. This material is always used in conjunction with Tribotex 7 which provides the bulk of the bearing and contributes to the mechanical properties, whilst the Triboglide 15 provides the low friction running surface. Advanced resin bonded, fibre reinforced bearing material combining engineering fabrics, thermosetting resins and solid lubricants. Available in the form of tube, sheet or fully machined parts.



Grade P1 Phenolic/Paper

A general purpose paper laminate with low electrical and good mechanical properties. Suitable for low voltage applications in air or immersed in oil in the electrical industries. Complies with BS2572: 1976 Type P1.



SkatePlate 3000™

This tough, non-splintering surface is wear resistant, abrasion resistant, and moisture resistant and tailored specifically for skate parks. The low thermal expansion and contraction of SkatePlate 3000™ handles extreme changes in temperature and provides an excellent wear resistance for long life, in either indoor or outdoor environments. The material has a special matt surface texture engineered for skate boarding requirements.



Specialty Materials

Specialty materials are generally intended for a specific purpose and may come with a particular surface finish or an internal modification. We stock a large range of these materials and can also machine them to your requirements. Applications for specialty materials cover; food cutting boards, play grounds, pleasure boat parts, signage boards, privacy partitions, light-weight panels for automotive and much more! Please contact us for further technical information and availability.

Densetec™ Cutting Board

Densetec™ Cutting Board is engineered for durability, low maintenance and safety. Its textured, matte surface safely holds food in place without slipping. The bright "natural" colour is favoured for its sanitary look. By colour coding the food to the colour of the Densetec™ Cutting Board such as blue for fish, red for red meat, yellow for poultry, etc., the risk of spreading micro-organisms is greatly diminished.



Densetec™ Playground Board

Densetec™ Playground Board is making a big splash in the playground industry. The variety of bright contrasting colours make it perfectly suited to this environment where high impact colours are required. Because the colour is embedded in the sheet, it never needs painting. Especially with the rigors of child play on the equipment this material must be tough! It generally lasts much longer than wood.



Densetec™ Sign Board

Densetec™ Sign Board is manufactured by extruding one colour on the inside and a contrasting colour on the outside. The layers are combined while the material is still molten. The result is a superior homogenous sheet that is guaranteed not to delaminate, crack or chip. The durable textured finish resists scratches and marring. The product is UV stabilized to resist deterioration in harsh outdoor environments, making it the perfect signage material.



Densetec™ Marine Board

Densetec™ Marine Board is specially formulated to withstand the rigors of harsh outdoor marine environments. It is UV-stabilised to resist damage and retain its beauty, even after years of direct sunlight. Increasingly, Densetec™ Marine Board is replacing wood and laminates in boating applications.



Densetec™ Partition Board

Densetec™ Partition Board is the ideal partition material for a wide variety of commercial applications such as schools, parks, stadiums, office buildings and airports. The durability of the material makes it immune to such problems as vandalism and constant traffic.



Densetec™ Post Industrial LW

Densetec™ Post Industrial Light Weight is a utility grade sheet material that is approximately 20% lighter than standard weight HD-PE sheet. The material employs a foamed core capped with full weight skin to achieve weight reduction. A thickness of 12mm weighs only 0.69g/cm³ and absorbs virtually no moisture.



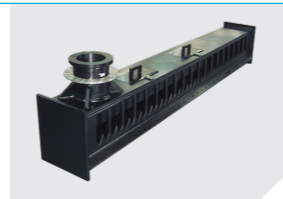
Densetec™ Shield

Densetec™ Shield is a product specially designed for nuclear shielding applications. The material employs 5% Boron by weight to shield neutrons in a variety of applications including high intensity X-rays, cancer treatment facilities, nuclear submarines, and nuclear power plants.



Densetec™ Pipe Grade PE100 Sheet

Densetec™ Pipe Grade is a higher molecular weight material than standard HD-PE. The material displays improved performance in a variety of piping applications. UV stabilised and ideal for use in outdoor applications. Densetec™ HD-PE Pipe Grade can be used in a variety of applications including manhole lids and bottoms, pipe reducers, trenches, sumps, pipe flanges, pipe end caps, tanks, milled flange adapters and lifting lugs.



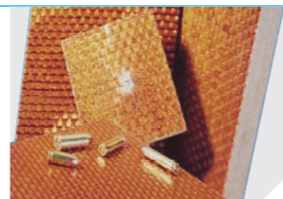
Rocket Plate™

Need more slip from your current UHMWPE sheet? The unique bubble surface of Rocket Plate™ creates point contact that considerably lowers the coefficient of friction. Rocket Plate™ can be used anywhere where you have to move large flat surfaced objects such as panels and boxes or under conveyor belts.



Shot-Blocker™ Bullet Resistant Sheet

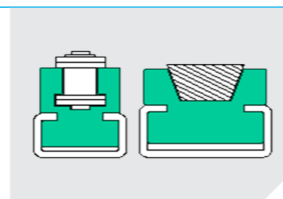
Shot-Blocker™ is resistant to projectiles, ricochet, heat and fire. It is a self extinguishing thermoset composite that will not catch fire or give off toxic smoke when exposed to intense heat, making it ideal for all types of civilian and military/defence applications. Shot-Blocker™ can be manufactured in five levels of bullet resistance depending on the weapon threat and security function. Meets UL-752 standards.



Guide Rails & Wear Strips

A wide selection of UHMW-PE | UHMWPE profiles are available for the bottling and packaging industries. Stainless steel inserts are available that allow the profile to be welded into place. Others can be riveted or screwed down. Contact our team.

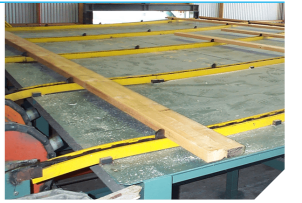
PROFILES:
Numerous



Chanex® Chain Guides & Profiles

Chanex® chain track guides & profiles are available for a wide variety of chain sizes. Enables low cost conveyor construction. Standard or custom profiles.

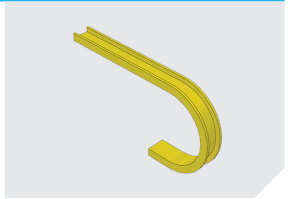
LENGTHS:
10ft & 20ft sections



Chanex® Oregon Bends

Oregon bends formed from UHMWPE Chanex profiles are excellent low cost alternatives to sprockets on the bottom of board singulators. Various sizes are available for 81X and WH78 chains.

WIDTHS:
2", 3", 3.5", 4" & 4.5"



Anti-Skid Products

Non-skid or anti-skid sheeting products make slippery areas safer. Our range of non-skid sheeting suits heavy-duty applications where machinery needs traction, and where corrosion and chemicals may limit the effectiveness or life of other non-skid products. Typical application sectors include the military, oil & gas, diving platforms, marina's and pleasure boats. If it needs to be tough, we have products to suit.

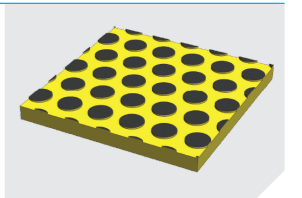
Ultrapoly LUNS™

Ultra Non-Skid technology initially developed for the United States Navy has been scaled down for commercial use. LUNS™, short for Lightweight Ultra Non-Skid is an exceptionally heavy duty non-skid product. It incorporates the toughness of UHMWPE with a coarse double sided black slag non-skid surface. Coloured black, in thicknesses from 10mm to 100mm.



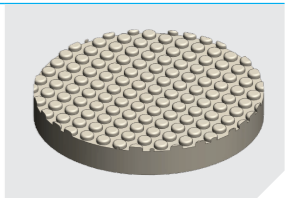
Ultrapoly Braxx™

This non-skid technology is a direct replacement for non-skid tape and paint for industrial applications. The product has an impact resistant base plate of UHMWPE. The surface of the sheet is covered with raised non-skid truncated domes comprised of sand or slag. Not only is the product a tactile warning surface, it also has a contrasting colour theme. Available as black dots on yellow or white dots on blue.



Densetec™ Anti Skid

Densetec™ Anti Skid incorporates an embossed surface of round or square protrusions on one side of the sheet. These protrusions are made from a high grip compound on the surface of the sheet presenting a tacky, high coefficient of friction material on the walking surface. Water drains beneath the protrusions making Densetec™ Anti Skid especially effective in wet conditions.



Engineering Services at a Glance

- Computer Aided Design (CAD)
- CNC turning (2 & 4 Axis)
- CNC milling (3 & 4 Axis)
- CNC routering (3 & 5 Axis)
- Conventional turning & milling
- CNC billet cutting
- Production keying
- Thickening
- Custom profiles
- Cut to size rod, tube & sheet
- Plastic fabrication
- Plastic & metal welding
- Magnetic particle inspection NDT
- Portable CMM inspection system

We've got you covered

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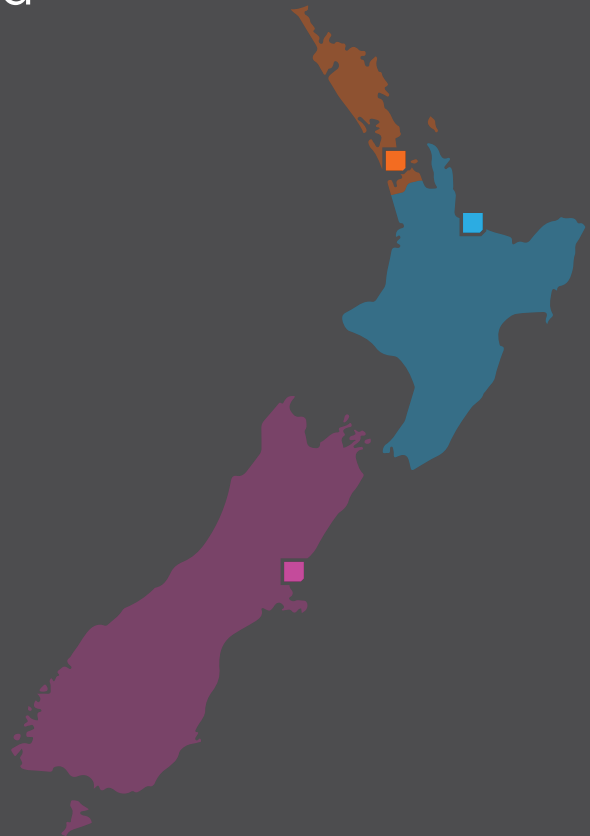
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