

ENGINEERING & HIGH PERFORMANCE
PLASTICS SPECIALISTS



PRODUCT GUIDE

E-PLAS

Engineering & High Performance Plastics Specialists

About E-Plas

An Australian leader since 1981, E-Plas are specialists in engineering, industrial and performance plastics. Merging decades of experience and expertise with adaptability and vision, enabling us to confidently move forward in a landscape of continual change. Evolving and growing our business to meet and exceed customer expectations.

E-Plas' diverse product range meets the unique demands of many varied industries including mining, orthotics, nuclear medicine, ship building, transport, manufacturing, food production, bulk handling and conveying. This broad business base provides E-Plas with a strong and sustainable foundation allowing us to maintain a strong supply chain through our long relationships with some of the world's leading polymer material producers.

Supported by leading global manufacturers, E-Plas also has access to many specialised materials outside our standard range categorised as Special Order items providing solutions to many industry specific challenges.

E-Plas Victoria and E-Plas Manufacturing are based at our flagship premises in Ravenhall with Sales Branches in Queensland, New South Wales, South Australia and Western Australia. Our Branches also provide service to the Northern Territory, ACT and Tasmania and overseas clients in the Asia Pacific region.

E-Plas is certified to Global Standard ISO 9001 2015 Certificate: QEC 20749

We pride ourselves on bringing you the very best in quality plastics, fabrication and service.



E-PLAS

Engineering & High Performance Plastics Specialists

E-Plas Manufacturing - CNC Fabrication Services & Cut to Size

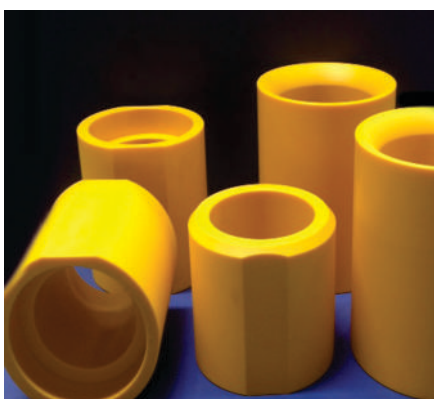
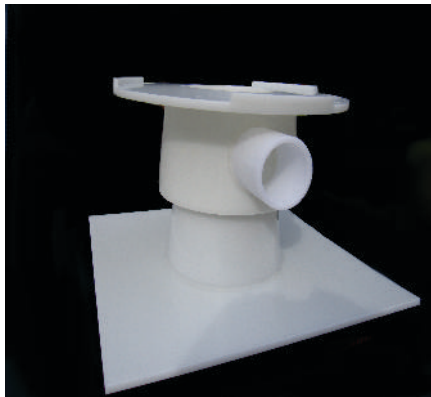
E-Plas Manufacturing is your one stop shop for quality custom machined components.

Our Manufacturing team are here to assist you and take your concept from your drawing to quality finished product.

Plastic machining has evolved into a specialist field requiring highly trained machinists able to precision machine a variety of plastics each with its own unique properties. E-Plas puts decades of engineering plastics expertise behind E-Plas Manufacturing. Based at E-Plas flagship premises in Ravenhall, Victoria, supported by Sales Branches in VIC, QLD, NSW, SA and WA.

Utilising state-of-the-art CAD / CAM (Computer Aided Design / Computer Aided Manufacturing) technology and CNC (Computer Numerically Controlled) machinery we will custom fabricate to your requirements.

Due to the elastic nature of many of these polymers, special techniques are required to ensure that the materials are machined to the required dimension and tolerance.



E-PLAS PRODUCT LIST

Engineering & High Performance Plastics Specialists

Product Name	Material Type / Grade
TIVAR® 1000	UHMW-PE Standard Grade
TIVAR® 1000 Anti Static/Electro Dissipative	UHMW-PE Standard Grade
TIVAR® Uniblend Anti Static	UHMW-PE Standard Grade
TIVAR® 88	UHMW-PE Bulk Handling Grade
TIVAR® 88-2	UHMW-PE Weldable Bulk Handling Grade
TIVAR® 88 w. Burnguard	UHMW-PE Bulk Handling Grade
TIVAR® HOT	UHMW-PE High Operating Temperature Bulk Handling Grade
TIVAR® Rubber-backed	UHMW-PE Bulk Handling Grade
TIVAR® Ceram P	UHMW-PE Modified Premium Grade
TIVAR® Dryslide	UHMW-PE Modified Premium Grade
TIVAR® Dockguard	UHMW-PE Fender Premium Grade
TIVAR® PET Protect	UHMW-PE Modified Premium Grade
TIVAR® Special DS	UHMW-PE Modified Premium Grade
TIVAR® 1000 BOR	UHMW-PE Boron Filled Premium Grade
TIVAR® HPV	UHMW-PE High Pressure Velocity Premium Grade
Sustamid®	6G Monomer Cast Nylon Engineering Thermoplastic
Sustaglide®	Performance Cast Nylon Engineering Thermoplastic
Sustamid® 6	Extruded Nylon Engineering Thermoplastic

E-PLAS PRODUCT LIST

Engineering & High Performance Plastics Specialists

Product Name	Material Type / Grade
Sustamid® 66	Extruded Copolymer Nylon Engineering Thermoplastic
Sustamid® Vacu	Vacuum Formable Glass Reinforced Nylon Eng. Thermoplastic
Sustarin®	Acetal (POM) - Engineering Thermoplastic
Sustadur®	PETP - Thermoplastic Polyester
SustaPEEK®	PEEK - High Performance Thermoplastic
Acrylic	Shatter Resistant Engineering Thermoplastic
Polycarbonate	Extreme Shatter Resistant Engineering Thermoplastic
Virgin Filled PTFE	Standard Engineering Thermoplastic
25% Glass Filled PTFE	Glass Filled Engineering Thermoplastic
Carbon Filled PTFE	Carbon Filled Engineering Thermoplastic
LDPE Low Density Polyethylene	Engineering Thermoplastic
HDPE High Density Polyethylene	Engineering Thermoplastic
PP Polypropylene	Engineering Plastic
PPE Polyphenylene Ether	Amorphous Thermoplastic
PVC	High Strength Thermoplastic
Bakelite	Resin Based Thermoset Polymer
PU Polyurethane	Rubber Substitute Thermoset Polymer

Discover More @ www.eplas.com.au

PLASTICS THERMAL PROPERTIES

Division of Thermoplastic Polymers by Structural Type

Amorphous and Semi-crystalline Plastics

Amorphous Plastics are normally transparent and tend to be sensitive to stress cracking. They are suitable for making precision parts due to their high dimensional stability.

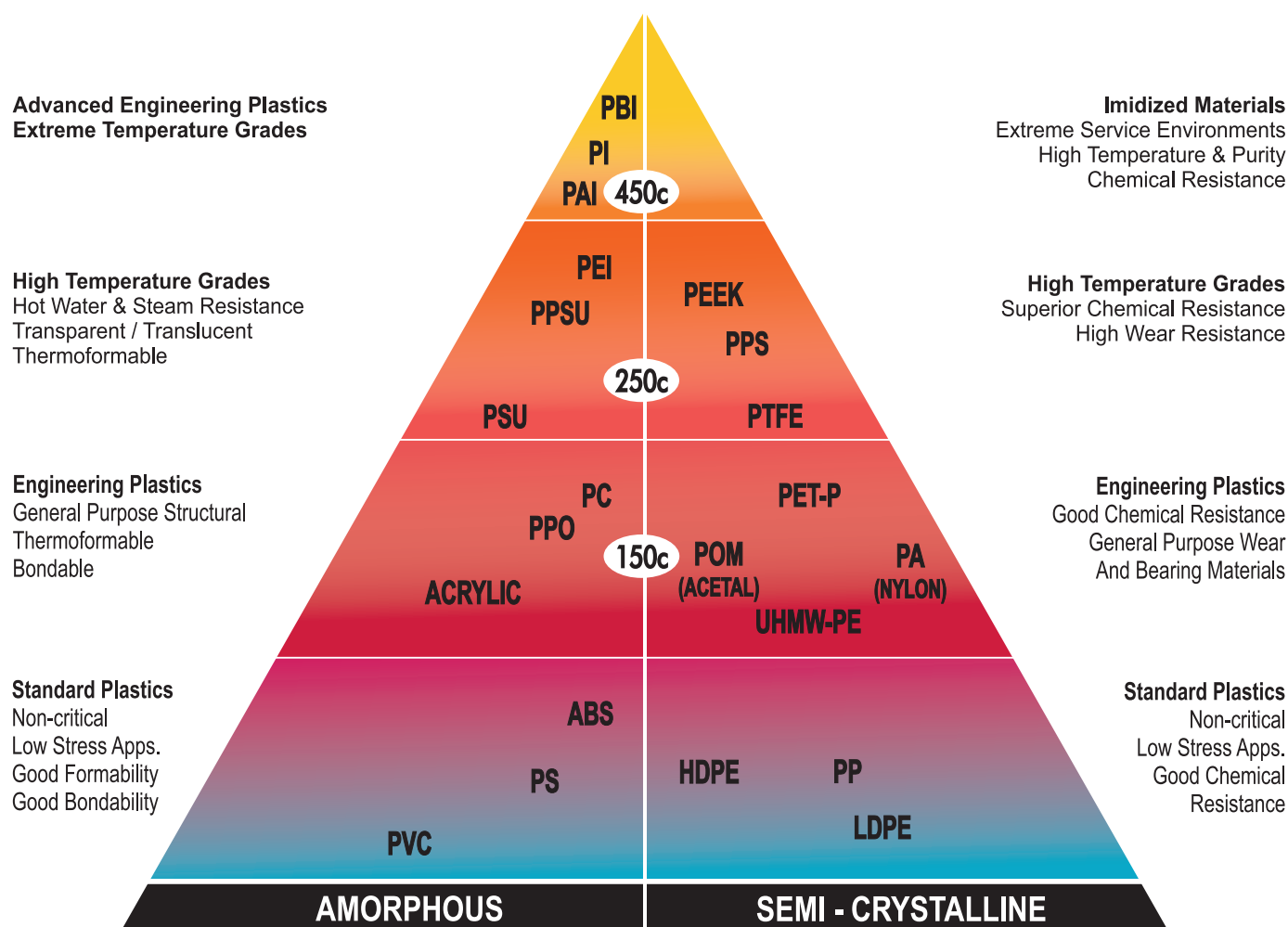
Semi-crystalline Plastics are opaque, mostly tough and show good or very good chemical resistance. Plastics can also be differentiated according to their temperature resistance:

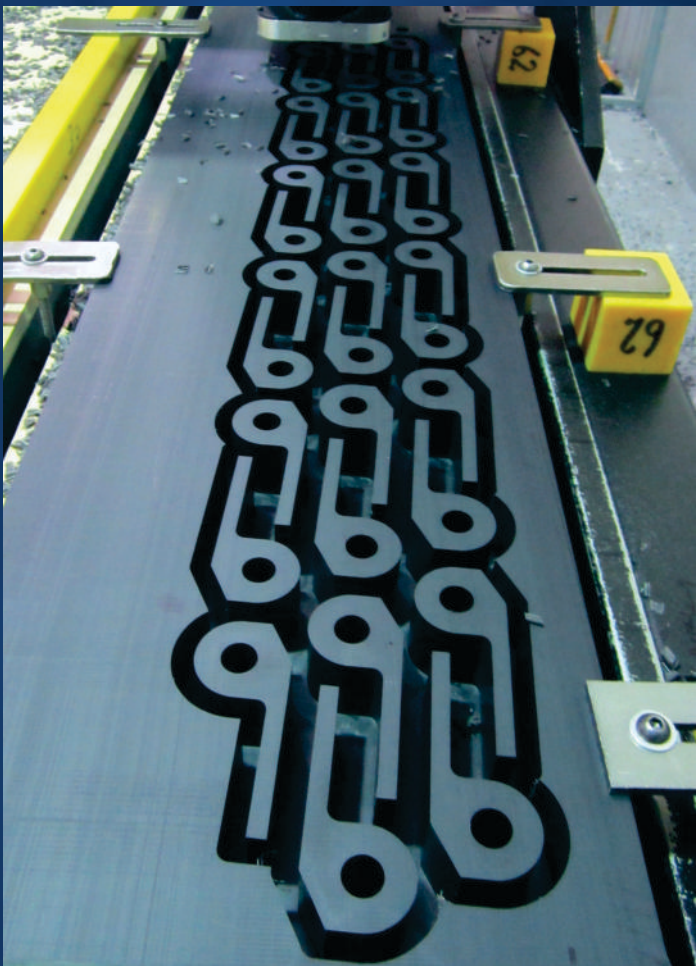
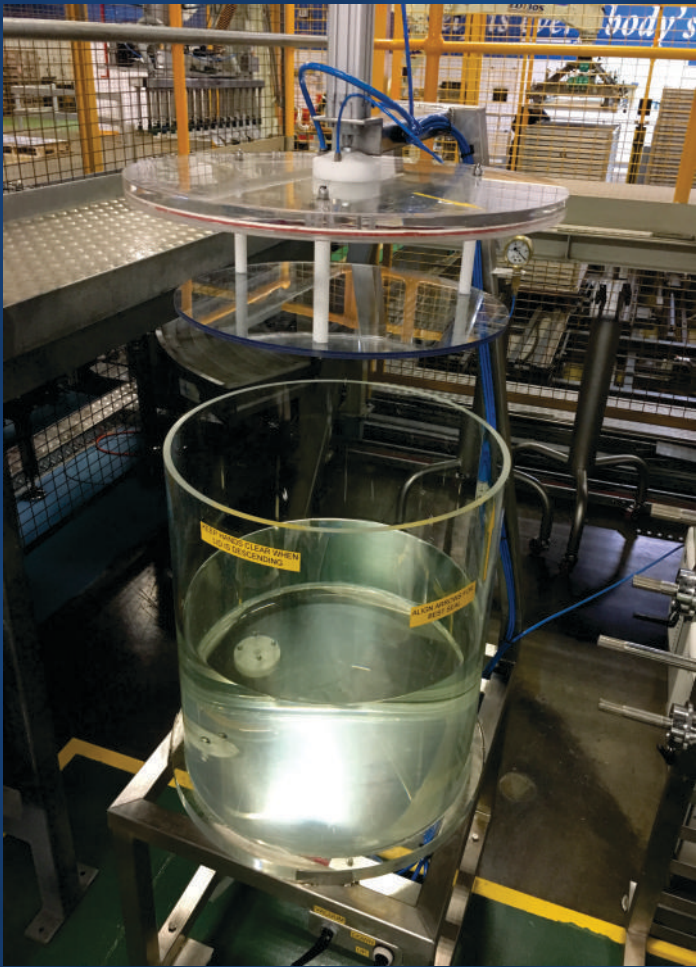
High-temperature Plastics have long term service temperatures of above 150 °C and have a high level of thermo-mechanical properties.

Plastics suitable for the highest application temperatures (PI, PBI, PTFE) cannot be processed using melting processes. Production of parts is carried out by sintering.

Engineering Plastics can be used permanently at temperatures between 100 °C and 150 °C. They exhibit good mechanical properties and good chemical resistance.

Standard Plastics can be used permanently at temperatures below 100 °C. The pyramid of plastic materials shows an overview of thermoplastic polymers based of these criteria.





TIVAR®

MCAM Specialized UHMW-PE Lining Range - Standard Grades

Top Performers in Extreme Bulk Handling Applications & Environments

TIVAR® materials are UHMW-PE based engineering polymers used to solve problems related to friction, wear, material flow and corrosion.

Produced using state-of-the-art compression moulding technology and ram extrusion. TIVAR® specialised UHMW-PE range of high performing plastics provide specific solutions to tough problems in demanding applications.

For more than 80 years, Mitsubishi Chemicals Advanced Materials have been the world's largest developer and producer of engineering polymers based on UHMW-PE. Modification and innovation of materials based on individual customer requirements and applications are a focus of their business.

TIVAR® materials have a solid performance record in numerous industries including:
Mining, Agriculture, Marine, Filling and Packaging, General Mechanical Engineering, Chemical Industry, Paper Industry, Food Production, Pharmaceutical, Nuclear Industry, Medical and Electrical Applications.

TIVAR® 1000

TIVAR® 1000, an engineered UHMW-PE is an excellent general-purpose material. Available as a compression moulded or ram-extruded semi-finished shape in various colours. Unique combination of wear and corrosion resistance, low friction homogenous structure and impact strength. Resistant to chemical attack and moisture absorption, retains key physical properties to -269°C.

TIVAR® 1000 (Natural) is a cost-effective solution for food handling problems. Complies with DIN 16972 [PE-UHMW, TG1 & Tg2], meets FDA and USDA guidelines, 3-A Dairy approval for food processing and handling.

Proven Food, Chemical, Water & Bulk Handling Industry Performer

Food Processing, Dairy Processing, Agricultural Industries, Textiles, Chemical Processing, Pulp and Paper, Mining, Marine, Steel, Water and Sewage Treatment, Bulk Materials Handling

Available Colours: White, Yellow, Green, Blue, Black

TIVAR® 1000 Anti Static / Electro Static Dissipative

TIVAR® 1000 Anti Static / ESD is an ideal material to use where potentially volatile conditions exist, where dust and static electricity can cause problems such as in Grain Elevators and Munitions Plants, effectively safeguarding against static discharges. Antistatic and electrostatic dissipative, the addition of carbon black makes it most effective in high line speeds and conveyors. Resists heat and protects robotics.

Proven Industry Performer

Conveying, Agricultural Industries, Robotics, Chemical Processing, Mining, Bulk Handling

Special Made to Order Item: Minimum 4 sheets per product or thickness run. Lead time 16 wks

TIVAR® Uniblend - Anti Static

TIVAR® Uniblend is a value grade material comprising TIVAR® 1000 and reprocessed elements providing good low friction properties and extremely good abrasion resistance. Anti-Static due to a high carbon content. Black only. Similar to Fender grade. Not FDA approved.



TIVAR®

MCAM Specialized UHMW-PE Lining Range - Bulk Handling Grades

Top Performers in Extreme Bulk Handling Applications & Environments

TIVAR® 88

TIVAR® 88 is the world recognised premium lining product for bulk material handling. Extensive bulk material laboratory and field tests on Tivar® 88 confirm, time and time again, the outstanding properties of TIVAR® 88. Exemplified by the low coefficient of friction and excellent wear properties. TIVAR® 88 is noted for its performance in promoting bulk solids flow of cohesive or non-free flowing materials due to its low surface friction. Very high abrasion, impact and chemical resistance. No moisture absorption - Water repellent.

TIVAR® 88 is the perfect solution to bulk handling issues. Enabling reduction or elimination arching, ratholing and erratic material flow challenges in bins, bunkers, hoppers and chutes, railcars, etc.

Although every application is unique, some have specific environmental challenges. Mitsubishi Chemicals Advanced Materials has developed several proprietary formulation packages for TIVAR® 88 that enhance certain properties without negatively impacting TIVAR® 88's key properties including anti-static and UV resistant grades. Retains its properties at temperatures of -269C to +80C

Proven Top Bulk Handling Industry Performer

Mining: Minerals & Metals, Steel, Cement, Chemical, Grain, Power, Transport / Hauling

Lining Applications

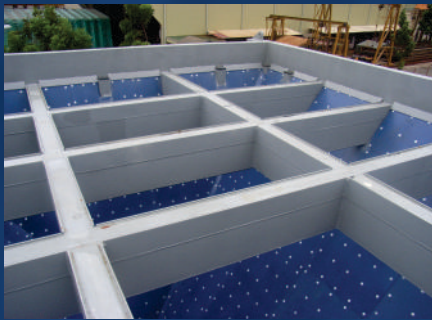
Chutes, Hoppers, Silos, Storage bins, Surge bins, Drag chain and Screw conveyors, Bunkers, Front end loader buckets, Railcars, Off-road truck beds, Self-unloading bulk carrier ships
Reclaimer / Dragline buckets, Vibratory feeders / bin dischargers, Slider beds

Lining Applications

Chutes, Hoppers, Silos, Storage Bins, Surge Bins, Drag Chain and Screw Conveyors, Bunkers, Front End Loader Buckets, Railcars, Off-road Truck Beds, Self-unloading Bulk Carrier Ships
Reclaimer / Dragline Buckets, Vibratory Feeders / Bin Dischargers, Slider Beds

Other Applications

Augars, Wearstrips, Belt Scrapers, Conveyor Skirting, Chain Conveyor Flights



TIVAR®

MCAM Specialized UHMW-PE Lining Range - Bulk Handling Grades

Top Performers in Extreme Bulk Handling Applications & Environments

TIVAR® 88-2

Tivar® 88-2 Premium, Weldable UHMW-PE Lining Drop-In Liners Solve Flow Problems

Tivar® 88-2 can be fabricated and welded to provide a solution for nearly any application, whether it's a seamless, drop-in liner; a framed-in liner or replacement liner. Tivar® 88-2 drop-in liners preserve the integrity of your equipment and enhance longevity. From augars and hoppers to lining self-unloading carrier ship hulls, its uses are diverse and impressive.

Tivar® 88-2's rapid release technology means arching, ratholing & flow problems are eliminated.

Cohesive, sticky bulk materials like cement, coal, bauxite, synthetic gypsum, sand, iron, fly ash and clay are notorious for sticking and feeder plugging. They also cause extreme surface wear. Tivar® 88-2 provides exceptional abrasion and high impact resistance. It has a low co-efficient of friction and slippery non-stick surface, bulk materials flow smoothly and discharge without hang-up.

Tivar® 88-2 drop-in liners when used in chemical processing plant have been also proven to promote greater efficiencies and reduce maintenance costs considerably being resistant to aggressive and corrosive chemicals. It is also hydrophobic; water repellent. It retains its properties at temperatures of -269C to +80C.

Tivar® 88-2 liner can be produced as a one piece panel to eliminate seams enabling increased flow and a more consistent feed.

Proven Top Bulk Handling Industry Performer

Mining: Minerals & Metals, Steel, Cement, Chemical, Grain, Power, Transport / Hauling

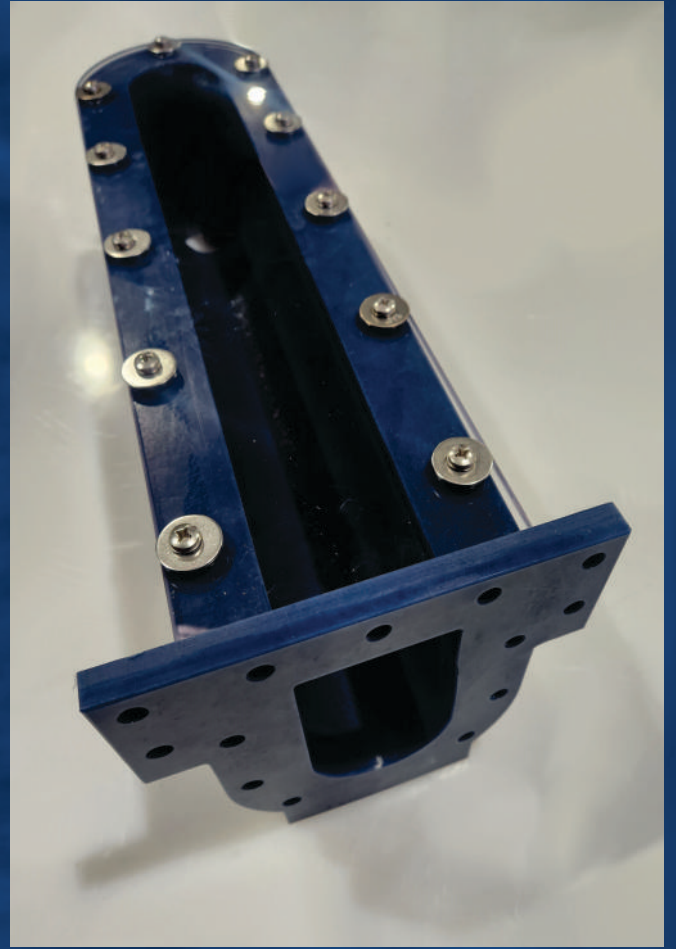
Lining Applications

Drop-in Liners, Chute Liners, Hopper Liners, Silo Liners, Storage bins, Surge bins, Drag chain and Screw, Self-unloading bulk carrier ship, sconveyors, Front end loader buckets, Pugmill Paddles, Cyclones, Off-road truck beds, , eclaimer buckets, Dragline buckets, Vibratory feeders, Bin dischargers, Slider beds

Other Applications

Augars, Wearstrips, Belt Scrapers, Conveyor Skirting, Chain Conveyor Flights





TIVAR®

MCAM Specialized UHMW-PE Lining Range - Bulk Handling Grades

Top Performers in Extreme Bulk Handling Applications & Environments

TIVAR® 88 w. Burnguard™

TIVAR® 88 w. BurnGard™ Promotes Flow, Not Flames. The top choice for Bulk Material Handling applications where the possibility of hot spots or coal smouldering occurs and in stagnant coal environments. Should be used in applications where the liner may be exposed to combustion. BurnGard™, is a flame retardant that will not fuel flames. Source of combustion removed, TIVAR® 88 w. BurnGard™ self-extinguishes with no further impact.

Flame retardant, Antistatic with low coefficient of friction and good sliding properties. Excellent abrasion resistance and impact strength. High chemical and corrosion resistance. UV stabilised.

TIVAR® 88 w. BurnGard™ meets MSHA 1C-112/1 (US Mines Health and Safety Administration) for underground mining.

Proven Industry Performer

Lining Applications where Smoulder or Hot Spots may be present

Coal, Minerals & Metals, Steel, Power, Railcars, Chemical, Grain, Transportation Industry, Vehicle Manufacturing, Building and Construction

Lining Applications

Coal Bins, Chutes, Hoppers, Silos, Storage bins, Surge bins, Slider beds, Railcars
Self-unloading bulk carrier ships, Vibratory feeders / bin dischargers

Special Made to Order Item: Min. 4 sheets per product or thickness run. Lead time 16 wks

TIVAR® Rubber-Backed

TIVAR® Rubber-Backed sheet is a composite material formed from TIVAR® 1000 and 3mm or 5mm thick rubber backing. The rubber allows it to be glued to surfaces where metal fasteners cannot be used. Easily bonded to a metal substrate with adhesive.

TIVAR® 1000 properties apply plus the ability to absorb high energy at high stress rates with excellent impact resistance and wear resistance and sliding capabilities. The added rubber backing results in better impact absorption and thermal expansion; minimises substrate corrosion.

Highest impact resistance of any polymer with a coefficient of friction only surpassed by PTFE.

Food handling approved material - DIN 16972, FDA, USDA, 3-A Dairy
Non-porous: Inhibits growth of fungus and bacteria.

Proven Bulk Handling Industry Performer

Coal, Mineral Sands, Cement, Mining, Power-Generation, Food & Agriculture Industries

Lining Applications

Dump Trucks/Bodies, Semi-trailers, Haulers & Rail wagons, Slider and Impact bars where metal fastening Cannot be applied, Bunkers, Hoppers, Chutes, Trays, Silos, Bins

Special Made to Order Item: Minimum 4 sheets per product or thickness run. Lead time 16 wks

TIVAR®

MCAM Specialized UHMW-PE Lining Range - Premium Grades

Top Performers in Extreme Bulk Handling Applications & Environments

TIVAR® Ceram P

Distinctive avocado colour TIVAR® Ceram P is an extremely wear resistant material with outstanding high abrasion resistance. Incorporated micro glass beads enable TIVAR® Ceram P to be used in demanding applications with higher mechanical loads: higher loads, higher speeds.

TIVAR® Ceram P is low maintenance plus long life span. Excels in sliding applications where low friction properties are prerequisite. In high speed applications, capably sustains operating speeds of <700 ms / min.

Proven Bulk Handling Industry Performer

Pulp / Paper production, Chemical and Mechanical Eng., Conveying, Filter Industry, Canning
Power Transmission, Apparatus Eng. Environmental Engineering, Agriculture, Beverage, Bottling,

Applications

Paper machines: Suction box covers and foils, Conveyor systems: Corner tracks and guide rails,
Sliding elements in telescoping booms, Centrifugal pumps: Split rings - Pump bodies,
Rotary filter systems: Wear plates, Regulating discs, Harvesting equipment: Grain strippers
Corn forage and Silage trailers: Stalk rails,

TIVAR® Dryslide

TIVAR® DrySlide, a premium conveyor material, modified with special lubricants that optimise sliding friction properties. Sliding friction coefficient is approximately 35% lower than that of TIVAR® 1000.

TIVAR® DrySlide has the lowest coefficient of friction of any of the TIVAR® UHMW-PE products. Low coefficient of friction, excellent wear and anti-static properties make it a top performer in dusty environments. Enhanced surface lubricity protects integrity of packaging and products. Damp boxes or shrink-wrapped parcels won't stick and move freely; no jamming from dirt, grit or static build-up.

Proven Bulk Handling Industry Performer

Power, Railcars, Parcel handling, Steel, Cement, Chemical, Grain, Minerals & Metals

Lining Applications

Chutes, Hoppers, Silos, Storage bins, Surge bins, Drag chain and Screw conveyors, Bunkers,
Front end loader buckets, Railcars, Off-road truck beds, Self-unloading bulk carrier ships
Reclaimer / Dragline buckets, Vibratory feeders / bin dischargers, Slider beds

Other Applications

Wear strips, Belt scrapers, Conveyor skirting, Chain conveyor flights

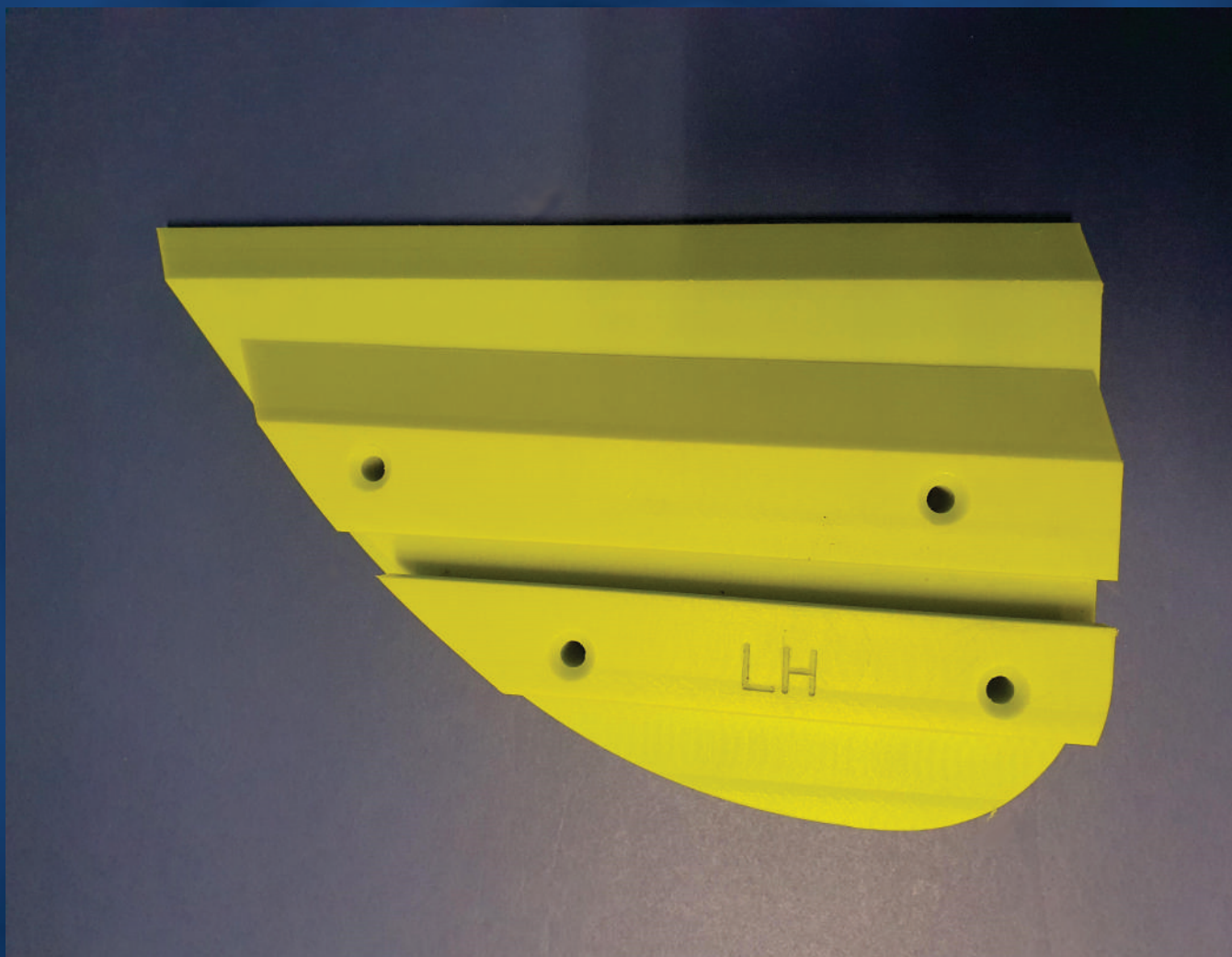
TIVAR® 1000 BOR

TIVAR® 1000 BOR is a UHMW- PE material modified with boron based additives used as shielding material in the Nuclear Industry but can be also used where neutron shielding is required.

Proven Industry Performer

Nuclear Power, Nuclear Medicine

Special Made to Order Item: Min. 4 sheets per product / thickness run. Lead time 16 wks



TIVAR®

MCAM Specialized UHMW-PE Lining Range - Premium Grades

Top Performers in Extreme Bulk Handling Applications & Environments

TIVAR® Dockguard

TIVAR® Dockguard provides dock fender facing that outlasts other materials such as wood, rubber, polyurethane or High Density Polyethylene. The ideal material developed for marine fender systems, TIVAR® Dockguard allows vessels to glide easily along its surface without marring hulls.

TIVAR® Dockguard is eco-friendly, UV resistant, wear and corrosion-resistant and has no moisture absorption. Developed for outdoor exposure and wear conditions, even after 10 years in corrosive salt water, sunlight or high heat or extremely cold weather, TIVAR® Dockguard fender facings and wear strips are top-notch performers.

Impervious to marine bore worms; also sheds mussels and barnacles. Outwears hardened steel, and cuts hourglass wear onto pilings, withstands salt, fuel and chemical spills.

TIVAR® DockGuard is available in black and bright safety colours for better low-light visibility in 48" x 120" sheets with gauge sizes ranging from 3/4" to 6" that can be made to order.

Proven Industry Performer

Marine/Sea Ports, Transportation/Warehousing

TIVAR® PET Protect

TIVAR® PET-Protect, also referred to as TIVAR® Surface Protect is a new innovative grade of TIVAR® primarily designed to solve problems associated with PET bottle processing.

TIVAR® PET- Protect's special hybrid matrix construction, allows for smooth line operation without scuffing the PET container whether in wear strip configuration or as a change-part such as a feed screw or star wheel. Existing plastic change-part materials have a tendency to mark or scratch the surface of the container which is an obvious problem for PET processors such as soft drink companies. Protects sophisticated printing and labelling (cosmetics and pharmaceutical).

Proven Industry Performer

Bottling, Packaging, Food and Beverage, Cosmetics industry, Pharmaceutical industries

Special Made to Order Item: Min. 4 sheets per product or thickness run. Lead time 16 wks

TIVAR® Special DS

TIVAR® Special DS features even better sliding and wear properties than other TIVAR® blends and can also be used for processing aggressive, abrasive materials due to special additives and the double sinter press process.

Primary Application Area

Paper industry Dewatering Elements operating at <500m/minute.

Special Made to Order Item: Min. 4 sheets per product or thickness run. Lead time 16 wks

TIVAR®

MCAM Specialized UHMW-PE Lining Range - Premium Grades

Top Performers in Extreme Bulk Handling Applications & Environments

TIVAR® HOT

TIVAR® HOT is fast becoming the material of choice for high temperature applications.

A modified grade of TIVAR® with high abrasion resistance and unique formula that inhibits oxidation and allows for higher operating temperatures up to 135°C ensuring material has a longer life span.

Great economical alternative to and often out-performs PTFE and Nylon type 6. TIVAR® HOT meets US Food and Drug Admin. Regulations 21CFR177.1520, and 1CFR178.2010 and EU Directive 2002/72/EC for direct food contact applications.

Proven Bulk Handling Industry Performer

Baking, Food processing & packaging, Meat & poultry processing, Pet food Mnf., Conveyors

Applications

Linings: Flyash plants, Drying ovens, J-Leg wear strips in Proofing ovens, Pasteuriser Seals Rollers & sprockets, Chemical, medical and food processing equipment parts, Grain drag flights

TIVAR® HPV

High Pressure Velocity

TIVAR® HPV, a distinctive blue colour, with built in dry lubricant and 80% COF reduction was developed specifically for use in today's most demanding production environments experiencing; high speeds, high temperatures, high friction, high loads and aggressive cleaning agents.

TIVAR® HPV materials and finished parts offer reduced friction, near zero level "slip stick," and a LPV value 18-35% higher (more slick) than competitive materials.

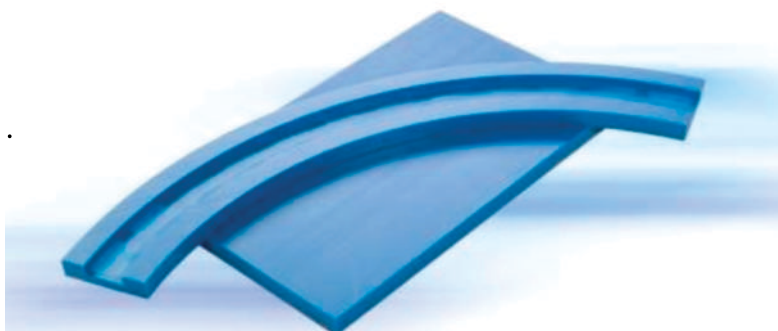
The superior sliding performance of TIVAR® HPV reduces friction of components against a mating partner while also better protecting parts from wear. Components made with TIVAR® HPV show improved sliding behavior and high wear and abrasion resistance at key touch points in conveyor systems. TIVAR® HPV is a cost-effective, FDA approved solution for preventing excessive wear and deformation of parts to support the longest possible lifecycle in conveyors, directly contributing to time in use and safety benefits.

Proven Industry Performer

Food and Beverage, Bottling

Applications

Chain guides, Sliding strips & guides, Rollers, Single & multiple corner wear bends, Straight guides



QUICKSILVER® TRUCK LINING SYSTEMS

The Perfect Lining Solution. Performance Speaks For Itself

QuickSilver® is the ultimate state of the art, industrial strength continuous liner.

A proven champion in the field for decades now, QuickSilver® Truck Lining manufactured by world renowned supplier MCAM (Mitsubishi Chemicals Advanced Materials) was specially developed by for the truck industry and the gruelling demands of bulk handling.

QuickSilver® Truck Lining System's phenomenal integrated release agents within its premium UHMW-PE formula mean it is practically self-cleaning. Super slick, no additional release agents are required. No sticking or carry-back eliminates tip-over risk. Most loads dump clean by 3rd ram stage.

QuickSilver® ensures your truck is tough, safe and productive. Reduced turn-around time means more loads per day, all year round and that's a return you can bank. QuickSilver® weighs less than both steel and aluminium and out wears both. Superior abrasion, impact and corrosion resistance protects integrity of the original equipment, extending the life of your truck body for years.

QuickSilver® can be fitted in less than one day and requires no on-going maintenance. Any configuration from dump trailers and bottom dumps to gravel trains, scoops and transfer trailers. Breathe new life into worn equipment whilst dramatically reducing replacement costs.

Proven Industry Performer in Diverse Industries

Bulk Handling Industry, Tippers, Mining & Minerals Handling / Transport, Agriculture: Grain Handling / Transport

Applications

Tipper Bodies / Dump Trailers, Bottom Dumps, Gravel Trains, Chutes, Transfer Dumps, Hoppers & More

Manage Diverse Materials & Climate

Mineral Ore Concentrate, Clay, Gravel, Coal, Fly-ash, Limestone, Top-soil, Sand, Phosphate, Salt, Cement, Snow, Sludge, Hot Mix (Installed to Manufacturer Guidelines)

Properties & Benefits

Designed / Engineered Specifically for Intense Bulk Handling Applications

Superior Toughness and Durability

Premium Abrasion Resistance

Haul and Tip Any Material With Ease

Super Slick Release - Eliminate Sticking Loads

No Release Additives. Release Agents in Liner

Designed to Dump Clean - No Carry-back

Increased Safety Truck and Driver

Lighter Than Aluminium and Steel

Any Climate or Environment

Fast, Easy Installation - Any Configuration

Continuous Liner Format

Huge Maintenance Reduction

Manufacturer Technical Support

Great Long Term Investment and Savings

Supplied as Continuous Liner Full Coils

Unscored Roll

12mm Thickness x 30m Length x 3.050m Width

Pre-scored Roll

12mm Thickness x 33m Length x 3.050m Width

E-Plas are the Authorised Australian QuickSilver® Distributors



QUICKSILVER® HEAVY DUTY

Ultra High Impact & Abrasion Resistant

QuickSilver® Heavy Duty is the ultimate liner for extreme, high abrasion liner applications.

A distinctive lime green, big brother of industry favourite QuickSilver® Truck Lining Systems, QuickSilver® Heavy Duty has been modified and enhanced for the most demanding, high repetition tipping applications, optimising the liner's longevity and performance. QuickSilver® Heavy Duty has increased weight capabilities and is best suited for applications where highly abrasive materials contribute to extreme wear.

Available in 12mm thick coils and configurable to all sorts of truck bodies and container shapes, it is designed to manage with ease, materials such as gravel, rock, recycled glass and construction rubble applications which require eight or more trips per day.

For general tipper use QuickSilver® Truck Lining Systems is the star performer that has proven its top place nation-wide and the go to liner for most applications. However, taking it to a whole new level for high repeat management of aggressive, highly abrasive materials, QuickSilver® Heavy Duty is the ultimate lining choice for such applications. It has the best durability of any liner and will extend your tipper or container life for years.

QuickSilver® Heavy Duty can be fitted in less than one day and requires minimal maintenance. Any configuration from dump trailers and bottom dumps to gravel trains and transfer trailers. Breathe new life into worn equipment whilst dramatically reducing replacement costs.

Proven Industry Performer in Diverse Industries

Construction, Glass Recycling, Bulk Handling, Tippers, Mining & Minerals

Applications

Very High Repeat Daily Usage and/or Extreme Wear from Heavy and Highly Abrasive Materials in Tipper Bodies / Dump Trailers, Bottom Dumps, Gravel Trains, Chutes, Transfer Dumps, Hoppers and More

Manage Highly Abrasive Materials

Construction Rubble, Recycled Glass, Gravel, Rock, Sand, Heavy Minerals

Properties & Benefits

Designed / Engineered Specifically for Extreme Wear from Heavy, Highly Abrasive Materials

Ultimate Toughness and Durability

Ultimate Abrasion Resistance

Long-life, High Repeat Hauling/ Tipping Highly Abrasive Substances

Super Slick Release - Eliminate Sticking Loads

No release additives. Release Agents in Liner

Dumps Clean. No Carry-back

Increased Truck and Driver Safety

Lighter than Aluminium and Steel

Any Climate or Environment

Fast, Easy Installation - Any Configuration

Continuous Liner Format

Huge Maintenance Reduction

Manufacturer Technical Support

Great Long Term Investment and Savings

Supplied as Continuous Liner Full Coils

Unscored Roll

12mm Thickness x 30m Length x 3.050m Width

Pre-scored Roll

12mm Thickness x 33m Length x 3.050m Width

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STÄRKSTÄHLE
ZUR LIEFERUNG

Achtung
Baustellenfahrzeug

Reisch

Reisch

sch 27400

SUSTAPLAST ENGINEERING PLASTICS

Premium Engineering & Thermoplastics Range

Sustamid® - 6G Monomer Cast Nylons

Sustamid® also known as Polyamide (PA), Nylon is a partially crystalline thermoplastic and is known as the workhorse of engineering plastics due to its variety of properties.

Because of its good mechanical strength, abrasion resistance, chemical, thermal and low friction properties, it has earned a reputation as an excellent bearing material.

Hardness and strength, toughness and tenacity are the combination that makes Sustamid® Nylon so versatile and the solution for many difficult applications.

Sustamid® Nylon has evolved over the years and is available in a number of commercial stock shape grades each having specific properties and benefits, examples are type 6, 66, 11, 12 & 46 most of which are copolymer grades although much development has been done in recent years with Type 6 Monomer Cast Caprolactum grades.

Proven Industry Performer

Mechanical Engineering, Offshore, Electrical, Electronics, Vehicle Construction / Automotive Industries: Cars, Trucks, Forklifts, Conveying, Heavy Crane Industry, Repetition Machining, Heavy Haulage, Dairy Industry, Meat Works, Food Processing, Bottling

Applications

Sliding Parts, Rollers, Bushes, Bogies, Cable Winches, Lifting Gears, Rope Pulleys, Conveyor Stars, Spiral Conveyors, Insulation bushing, Gears & Sprockets, High speed chain guides that exceed 100 feet per minute, Crane pulleys (sheaves), Bearing both in linear and circular

Sustaglide® - Performance Enhanced Nylon

Sustaglide® is a highly modified caprolactum grade, incorporating a lubricating "particulate matrix" that is evenly distributed throughout the polymer that further reduces the sliding coefficient of friction.

Specialised sliding additives enable higher loads and sliding face temperatures. Provides optimum wear performance and excellent abrasion resistance. High creep resistance, especially at elevated temperatures. Excellent fatigue behaviour. Very good mechanical strength. Very good chemical, thermal and low friction properties.

Sustaglide® is Green in colour. This grade has 5 times higher Pressure-Velocity capability over standard Sustamid® PA6 G type.

According to EC and FDA regulations, Sustaglide® is suitable for use in contact with food.

Proven Industry Performer

Mechanical Engineering, Offshore, Electrical, Electronics, Vehicle Construction / Automotive Industries: Cars, Trucks, Forklifts, Conveying, Heavy Crane Industry, Repetition Machining, Heavy Haulage, Dairy Industry, Meat Works, Food Processing, Bottling

Applications

Insulation bushing, Sliding Parts Under High Load: Wear Pressure Plates, Slide Bearings, Journal Bearings, Gears & Sprockets, Crane pulleys (sheaves), Truck pads and shackle bushes, Bearing pads, High speed chain guides that exceed 100 feet per minute, High load packing blocks up to 13 ton per square inch of load bearing, Bearing both in linear and circular, High impact pile driving, Meat works, Beverage



SUSTAPLAST ENGINEERING PLASTICS

Premium Engineering & Thermoplastics Range

Sustamid® 6 - Extruded Nylon

Sustamid® 6 is a semi-crystalline thermoplastic used for universally deployable parts exposed to high loading. It is frequently used as a substitute for aluminium and bronze. It is also excellent for production of large-volume parts.

Proven Industry Performer

Mechanical Engineering, Offshore, Electrical, Electronics, Vehicle Construction / Automotive Industries: Cars, Trucks, Forklifts, Conveying, Heavy Crane Industry, Repetition Machining, Heavy Haulage, Dairy Industry, Meat Works, Food Processing, Bottling

Applications

Sliding Parts, Rollers, Bushes, Bogies, Cable Winches, Lifting Gears, Rope Pulleys, Conveyor Stars/Spiral, Insulation bushing, Gears & Sprockets, Crane pulleys (sheaves), Bearing pads, Meat works, Beverage

Sustamid® 66 - Extruded Copolymer Nylon

Sustamid® 66 Nylon is made from a highly viscous polymer that offers outstanding strength and tenacious properties over a wider temperature range and is also resistant to most chemicals and corrosive media.

High resistance to oils, greases, aliphatic / aromatic and most halogenated hydrocarbons. Low deformation under load and compression. Excellent electrical insulating properties. Good bearing properties.

It has the highest stiffness and hardness within the non-reinforced polyamides group and highest creep resistance within the non-reinforced polyamides group. Excellent dimensional stability.

Good long term behaviour to heat aging. Not resistant to strong acids.

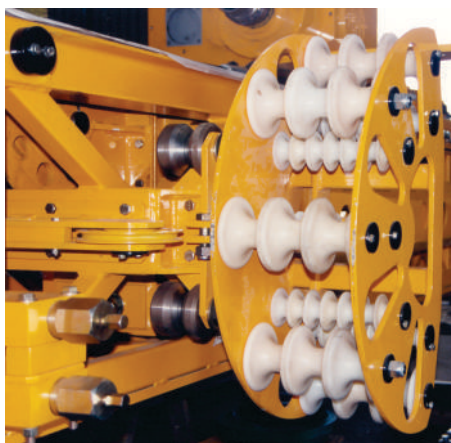
EC & FDA approved for food applications.

Proven Industry Performer

Automotive, Electrical, Electronics, Automotive Industries: Cars, Trucks, Forklifts, Conveying, Heavy Crane Industry, Repetition Machining, Heavy Haulage, Dairy Industry, Meat Works, Food Processing, Bottling

Applications

High-Pressure Guide Rails, Slider Plates, Electrical Insulators, Gears & Sprockets, High speed chain guides that exceed 100 feet per minute, High load packing blocks up to 13 ton per sq. inch load bearing, Friction Bearings, Pump Bearings, Bearing pads, Truck pads, Shackle Bushes, Rollers, Gears





SUSTAPLAST ENGINEERING PLASTICS

Premium Engineering & Thermoplastics Range

Susta®Vacu - Vacuum Formable Glass Reinforced Nylon

Sustavacu® Vacuum Formable Nylon Sheet is a recently developed 12% glass fibre filled Nylon sheet that allows economical production of high-quality formed parts by thermo-forming.

The parameters for processing were determined in numerous thermoforming tests by the Application Technology Department of ILLIG, a world leader in thermoforming equipment.

It has very good mechanical strength. High stiffness and high rigidity. Provides excellent creep resistance, impact strength and dimensional stability. High resistance to solvents, fuels and lubricants with an excellent continuous service temperature range -20° to +140°C. High resistance to deformation at high temperature.

Can be friction or heat welded, glued using solvent glues, isocyanates, anaerobics or concentrated formic acid. It can be Vacuum Metallised subject to surface pre-treatment and it can be printed on.

Sustavacu® absorbs moisture during storage, this might cause bubbles during forming. Please refer to Sustavacu® properties and processing information www.eplas.com.au

Sustavacu® has been trialled by BMW and Mercedes Benz in HVAC applications.

Proven Industry Performer

Automotive and Truck Industry, HVAC Industries: Heating, Ventilation and Air-conditioning, Machinery Component Manufacture, Truck and Machinery Linings,

Applications

Automotive Components: Housings in HVAC Applications, Fenders, Machinery, Bezels, Side Linings of Trucks

Special Made to Order Item: Minimum 4 sheets per product or thickness run. Lead time 16 wks

Sustarin® Acetal

Sustarin® Acetal unfilled grades are hard, strong and stiff; have good toughness although they show some notch sensitivity. Low coefficient of friction and good chemical resistance are also standard features combined with their excellent inherent dimensional stability and machinability.

The high crystallinity of Sustarin® Acetals impart excellent creep resistance under continuous load and fatigue endurance under repeated loading and unloading cycles. Also known as Polyoxymethylene or Polyformaldehyde, are available in two types, copolymer and homopolymer and both are highly crystalline linear thermoplastic polymers.

Sustarin® Acetals exhibit predictable mechanical, chemical and electrical properties over a broad temperature range for long periods of time. They exhibit excellent fatigue endurance under repeated loading and unloading.

Sustarin® Acetals, homopolymer and copolymer are available in a number of commercial stock shape grades each having specific properties. Sustarin® Acetal copolymer grade has the better broad range optimum benefits. Although there are few differences between homopolymer and copolymer Sustarin® Acetals, from an application standpoint, copolymer has exceptionally good resistance to strong alkalis and hot water hydrolysis.



SUSTAPLAST ENGINEERING PLASTICS

Premium Engineering & Thermoplastics Range

Sustadur® - PETP (Thermoplastic Polyester)

Sustadur® PETP (Polyethylene Terephthalate) is a highly crystalline thermoplastic polyester. It has high mechanical strength, good resistance to creep, excellent dimensional stability, abrasion resistance and excellent gliding properties especially very smooth surfaces such as aluminium. It offers superior wear resistance to Sustarin® C Acetal and is an excellent material for close tolerance parts.

Although it absorbs very little moisture Sustadur® PETP does suffer from hydrolysis and should not be used in aqueous applications at temperatures above 70°C or steam environments.

Important Note: Due to Sustadur® PETP's high crystalline structure it is notch sensitive so therefore care needs to be taken when used in possible impact or shock loading applications. The specific properties of Sustadur® PETP virgin crystalline PET make it especially suited to the manufacture of mechanical precision parts which have to sustain high loads and/or are subject to wear.

Proven Industry Performer - High-Grade And High-Strength Technical Parts

Mechanical Engineering, Electronic Industry, Ship Building Industry, Materials Handling Industry, Food Processing Industry

Applications

Precision Gears and Bearings, Components for Precision Mechanisms, Thrust Washers, Slideways, Pump Components, Sliding Elements, Levers Handles, Control Discs, Cams

Susta®PEEK - Very High Temperature High Performance PEEK

Susta®PEEK is a very high performance temperature PEEK™ (Poly Ether Ether Ketone) formula. It is a semi-crystalline thermoplastic with excellent chemical resistance to a wide range of chemical environments; even at elevated temperatures, although concentrated sulphuric acid dissolves PEEK™.

Susta®PEEK is a unique engineering material with a glass transition temperature of 143°C and a melting temperature of 343°C. Independent tests have shown PEEK™ exhibits a heat distortion temperature up to 315°C in glass fibre filled and a continuous use temperature of 260°C.

Susta®PEEK has excellent friction and wear properties which are optimised in the specially formulated tribological grade, which contains 10% Graphite, 10% PTFE and 10% Carbon Fibres.

Susta®PEEK is a highly stable polymer and requires no flame-retardants or additives to achieve UL 94 V-O rating at 1.45mm thickness. The composition and inherent purity of PEEK™ results in extremely low smoke and toxic gas emission in fire situations.

Susta®PEEK is not chemically attacked by water or pressurised steam and retains a high level of mechanical properties.

Susta®PEEK has excellent electrical properties and low levels of extractable ionic species and outgassing.

Proven Industry Performer

Aerospace Industry, Chemical Engineering, Medical Technology, Teletronics, Transportation

Applications - Parts Exposed to High Temperatures, Mechanical Loads, X-Rays or Gamma Rays

Electric Insulators and Housings, Wire and Cable Insulation, Rotor Arms, Friction Discs and Seals, Shock Absorbers, Components for Analytical Equipment, Components for Dialysis Equipment, Valve Linings, Impeller Wheels for Pumps



ENGINEERING PLASTICS

Premium Engineering & Thermoplastics Range

Acrylic

Acrylic, has exceptional optical clarity, good weather resistance, impact strength, electrical properties and chemical resistance. Acrylics can be machined and vacuum formed, and are available in extruded and cast grades. Having a specific gravity of 1.19 and transmitting light at a rate of 93%, Acrylic has long established itself as the material of choice in not only lighting and signage applications but also decorative displays.

Proven Industry Performer

Display, Design, Architectural, Decorative, Framing, Lighting, Signage, Chemical, Minerals, Electrical, Bathroom fittings, Boat fittings

Polycarbonate

A highly favoured engineering material, Polycarbonate is strong and tough with outstanding impact strength. An extremely durable material with high impact-resistance and excellent formability.

Polycarbonate is stronger than Acrylic and PMMA and holds up longer under extreme temperature. It is very easy to work, mould and thermoform. Polycarbonate thermoplastic polymers contain carbonate groups in their chemical composition which lend to their strength.

Polycarbonate is highly transparent and transmits light better than many types of glass and is an excellent replacement where shatter-proofing is priority. However, it has low scratch-resistance so in certain applications such as eye glass lenses or exposed exterior automotive parts such as motor vehicle light covers a hard coating is applied.

Polycarbonate has excellent formability setting it apart from many other thermoplastics. For example, where Acrylic is brittle, Polycarbonate can be deformed using sheet metal techniques at room temperature and not will not crack or break. Depending on the sharpness and radius of tight bends, in some cases it will still not require heating to form the shape.

Polycarbonate is an excellent prototyping material. Particularly when sheet metal is inappropriate such as where a part needs to be transparent or electrically non-conductive.

Proven Industry Performer

Machine Guarding, Automotive, Electrical, Medical Technology, Architectural - Glass replacement, Security

Applications Requiring High Dimensional Stability

Insulating Parts, Coil Bodies, Relay Components, Plugs, All Types of Lights, Rear Vehicle Lights, Apparatus

LDPE

Primarily used as a film material in the packaging industry Low Density Polyethylene or LDPE is gaining wide acceptance as a useful material in the orthotics and prosthetics industry. LDPE's flexibility has provided the solution to many problems in this field. Having a much lower thermoforming temperature and extremely malleable, LDPE has many fabricating advantages over materials such as HDPE and PETG.

Proven Industry Performer

Medical: Orthotics, Prosthetics, Packaging Industry

Applications

Orthotic Appliances, Packaging, Prosthetics



ENGINEERING PLASTICS

Premium Engineering & Thermoplastics

PTFE

PTFE is as a high performance product with many practical applications. Famous for its extremely good non-stick, slip characteristics, it also provides exceptional thermal, electrical and chemical properties that supersede its mechanical features. A fluorocarbon solid with high-molecular-weight composed wholly of carbon and fluorine that is diverse in its application.

Widely used as non-stick coating for fry pans and cook ware, PTFE is most familiar to many people as Teflon® brand by DuPont, the originators of PTFE compound. E-Plas provides the highest quality PTFE range through top European manufacturer Fluorseals, Italy.

It is used to make pipes, containers and other containment devices where corrosive or reactive chemicals are present (except for alkali and hydrofluoric acid) because of its non-reactive properties imparted to some degree by the strength of carbon-fluorine bonds. Insoluble in all known solvents below 300°C. High thermal stability, continuous service temperature range -270° to 260°C

PTFE used for its lubricant property reduces friction, wear and energy consumption of machinery. Optical radiometry applications include PTFE sheets for measuring heads in spectroradiometers and broadband radiometers. PTFE is able to diffuse transmitting light extremely well. Its optical properties remain constant from UV down to near infrared wavelengths.

It is used as a graft material in surgical interventions in particular for treating vascular disease. Non-toxic EU and FDA approval for food contact applications.

PTFE is hydrophobic. It cannot be made wet by water nor substances containing water.

PTFE tubes are used in gas-gas heat and gas cleaning applications. It has one of the lowest coefficients of friction of any material.

Proven Industry Performer in Diverse Industries

Cook Ware, Pipes, Industrial Containers and Containment, Medical/Surgical, Laboratory Equipment, Chemical Industry, Pumping / Pump Manufacture, Electrical Insulation

ENGINEERING PLASTICS

Premium Engineering & Thermoplastics Range

Virgin / Unfilled PTFE

Virgin / Unfilled PTFE is the most common form or standard grade and has some unique features which, apart from its good slip characteristics and as a high performance plastic provides the advantages of excellent thermal, electrical and chemical properties. It is less noted for its mechanical properties. It is non-stick, chemically inert and hydrophobic. It has one of the lowest coefficients of friction and is chemically inert. It can handle harsh chemical exposure to extreme conditions and climate thanks to its thermal stability. This also means it weathers well and resist stress cracking. It has diversity. Being chemically inert and non-toxic (approved for food applications) it is perfect for applications as polarised as food preparation to medical application as used for surgical grafts. It is also easily machined however has poor mechanical strength.

Proven Industry Performer

Cook / Bake Ware, Food Preparation, Medical / Surgical, Chemical Handling & Transportation, Laboratory Equipment, Seals, Valve & Pump Manufacture

Applications

Laboratory Equipment, Chemical Transfer Tubing, Linings And Coatings, Mechanical Seals, Valve Seats, Ball Valve Seats and Seals, Glandless Valves and Pumps, Electrical Insulators, Expansion Bearings, Bridge Bearing Pads, Chemical Bellows, Spiral Back-Up Rings, Gaskets, Packings, Vee Rings

25% Glass Filled PTFE

Milled glass fibres have the least effect on chemical and electrical properties and add greatly to the mechanical strength of Virgin or unfilled PTFE. The addition of glass improves compressive properties and creep strength by as much as 40% and improves wear resistance dramatically. Although resistant to acids and oxidation, it can be attacked by alkali. Increased dimensional stability. Non-stick and non-toxic.

Proven Industry Performer

Pumping / Pump Manufacture, Pipe Fixtures/Supports, Laboratory Equipment, Bearings

Applications

Shaft Seals, Gaskets, Bridge Bearings, Slide Bearings, Bushes, Laboratory Parts, Pipe Supports, Piston Rings, Piston Rod Packings in Compressor Plunger Pumps & Valves

Carbon Filled PTFE

Carbon Filled PTFE is anti-static and maintains the same levels of chemical resistance and temperature range as virgin grade which results in excellent resistance to corrosive environments. Good initial wear in rubbing or sliding wear applications in both dry and wet operations. Frequently used in piston rings to reduce cylinder wall wear by entrapping abrasive foreign particles in the relatively soft surface. It will not scuff surfaces it comes in contact with. Smooth surface finish. Non-stick and non-toxic.

Carbon filled PTFE is much harder with better creep resistance and thermal conductivity. Percentage of carbon can range from 5% to 33%. Also available with graphite additive to improve sliding properties. The addition of carbon filler greatly improves machinability allowing for finer tolerances and better finishes than Virgin PTFE.

Proven Industry Performer

Gas and Petrochemical Industries

Applications

Seal rings, Piston Rings, Compressor Rings, Bushes, Sleeves, Higher Load Gaskets, Water Apps.

ENGINEERING PLASTICS

Premium Engineering & Thermoplastics Range

HDPE

Introduced in the mid 1950's High Density Polyethylene or HDPE has become a common fixture in the plastics world. Applications range from household goods to pressure piping. It has good sliding properties.

Even at low temperatures with high chemical and high corrosion resistance. FDA approved for food contact. Lightweight, it has very good chemical resistance. Easy to fabricate, Widely used as a low cost alternative to traditional materials in the industrial field. Black HDPE provides excellent UV resistance.

Proven Industry Performer

Food and Beverage Production and Preparation, Chemical, Marine, Manufacturing

Applications

Chemical Tanks, Scrubbers, Cutting Boards, Pipes, Bollards, Dock Fenders, Rollers, Washers, Bushes

PPE

PPE, PolyPhenylene Ether or Poly Phenylene Oxide has excellent physical, chemical and electrical insulation properties, particularly as it is almost independent of frequency and temperature. Has low density, high strength and high stiffness. PPE is self-extinguishing.

It has high dimensional stability over a wide temperature range with low water absorption and good electrical properties. Good resistance to hydrolysis. Excellent resistance to acids and alkaline solutions.

Proven Industry Performer

Electrical Products/Equipment, Film and Photographic Equipment, Lighting

Applications

Housing Material in Electrical Appliances such as Hair Dryers, Office Equipment, Cameras, Projectors, Instrument Clusters and Light Housings

POLYPROPYLENE

PP or Polypropylenes are chemically similar to polyethylenes but have somewhat better physical strength. Polypropylene is a polyolefin meaning its composition is partially crystalline and non-polar. It has similar properties to polyethylene but has greater hardness and heat resistance than PE.

The density of polypropylene is among the lowest of all plastic materials, ranging from 0.900 to 0.915.

Polypropylenes are perhaps the only thermoplastic that surpasses all others in combined electrical properties, heat resistance, rigidity, toughness, chemical resistance, dimensional stability, and surface gloss at a lower cost compared to other thermoplastic materials.

Proven Industry Performer

Piping Systems, Potable Plumbing, Hydronic Heating, Hydronic Cooling, Water Reclamation, Medical and Laboratory Equipment, Pharmaceutical, Automotive, Food Production / Handling, Electrical Insulation

Applications

Battery Cells, Chemical Pipes, Medical Parts, Acid Tanks and Linings, Orthoses and Prostheses, Water De-ionisation Equipment



ENGINEERING PLASTICS

Premium Engineering & Thermoplastics Range

BAKELITE

Bakelite® is the proprietary name for phenolic and other plastic thermoset materials and is often indiscriminately used to describe any phenolic moulding material.

This group of materials are also known as SRBF, SRBP & SRBG or Synthetic Resin Bonded Fabric, Paper or Glass materials. Impregnating a reinforcing material, such as cotton cloth, paper or woven glass cloth, with a plastic resin such as phenol formaldehyde, epoxy, melamine or silicone, makes laminates. Bakelite® moulds extremely well and due to its excellent properties of resistance to electricity.

Proven Industry Performer

Electrical, Engineering, Automotive, Electric Motors, Marine Industry, Construction Industry

Applications

Gears, Bearings, Slide Ways, Cams and Piston Rings, Jigs and Fixtures, Electrical Insulators, Compressor Blades, Pipeline Support Pads, Thrust Washers, Pile Driver Dollies, Rollers

PVC

Rigid PVC is a high strength thermoplastic or synthetic plastic polymer; one of the oldest thermoplastics in existence today. An extremely popular and widely used material for piping, medical and electrical devices.

In 1912 German chemists F.Klatte and E.Zacharias were granted a patent for the process of manufacturing vinyl chloride monomer by addition of hydrogen chloride to acetylene, although full-scale production did not start until 1938.

PVC is made up from carbon, hydrogen and approximately 50% by weight chlorine.

Proven Industry Performer

Display, Design, Architectural, Decorative, Framing, Lighting, Signage, Chemical, Electrical

Applications

Acid and Chemical Storage Tanks, Extraction Systems, Chemical Piping Systems, Meter Boxes, Cable Ducting, Cooling Tower Elements, Photographic Emulsion Tanks, Electrical Insulators

POLYURETHANE

PU or Polyurethane elastomers are extremely versatile and can be manufactured to suit individual needs to meet a range of demanding applications. High coefficient of friction or grip properties.

Excellent compression and tear strength. Good mechanical properties. High elongation with high tensile strength. Exceptional resilience even in hardness range of 20 shore A (gum eraser) to 80 shore D (golf ball). Excellent flex. Very good at low temp. 80° C continuous working temp. Good chemical resistance except strong acids and alkalis. Highly resistant to degrading from oxygen and ozone. Sound attenuation properties.

Proven Industry Performer

Manufacturing, Conveying, Timber Industry, Machinery Components

Applications

Bushes, Rollers, Wheels, Chute Liners, Conveyor Rollers, Oil Seals, Pump Impellers, Anti Vibrations Pads, Timber Handling Components, Flexible Couplings



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