



Associated Gaskets

# Product Overview



# About AG

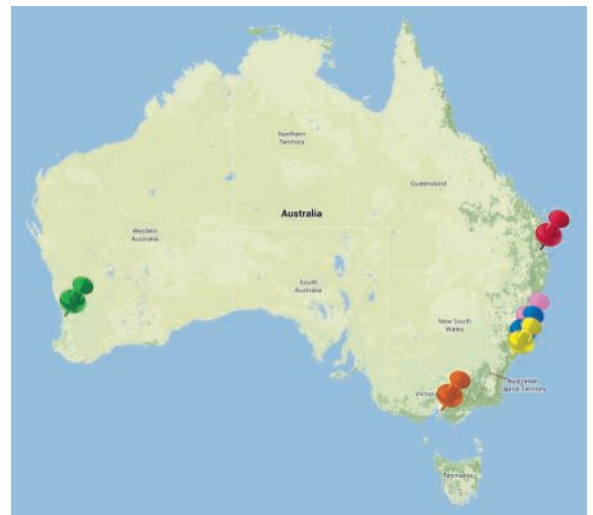
Founded in 1965 and 100% Australian owned, Associated Gaskets has a long standing reputation in Australian industry for providing high quality products and exemplary service. Though our range of products has continued to expand over the years, our focus remains on providing the very best service possible.

Today, AG offers a truly comprehensive range of gaskets, seals, thermal and electrical insulation, adhesives and sealants, technical sprays, liquids and industrial tapes. We couple this enormous range with extensive fabrication facilities and large stock holdings spread amongst our 6 locations in Brisbane, Melbourne, Perth, Wollongong, Newcastle and Sydney (head office).

If you would like any more information on any of the products or services listed in this guide, please don't hesitate to contact your local AG branch.

## Industries Served

- Agricultural
- Automotive
- Chemical & Petro-Chemical
- Construction
- Defence & Aerospace
- Electric Motor Rewinders & OEMs
- Electronics
- Engineering
- Food & Beverage
- Manufacturing
- Marine & Shipbuilding
- Metallurgical
- Mining
- Oil & Gas
- Paper, Pulp & Board
- Pharmaceutical
- Power Generation & Transmission
- Renewable Energy
- Switchboard Manufacture & Repair
- Tradespeople
- Transport
- Water & Waste
- & Many, Many More...



## Services Offered

- 3D Modelling & Drawing
- Die Cutting
- Extrusions
- Individualised Documentation
- Inventory Management
- Kiss Cutting
- Kits & Custom Packaging
- Laser Cutting
- Machining
- Moulding
- Product Coding & Traceability
- Rapid-Prototyping
- Sample Reproduction
- Sewing
- Shut Down Services
- Slitting
- Thickening
- Watercutting
- & Many More.

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## Gasket Materials

AG's independence means that we are perfectly positioned to offer Australia's widest range of gasket materials so that you can select the best material for your application, regardless of brand. This versatile range of materials can all be provided in sheet, roll or as fully fabricated components, with many standard sized gaskets in common materials held on the shelf for immediate delivery. Our range of gasket materials includes:

- A full range of Rubber Elastomers including a variety of styles of Natural Rubber Insertion, Neoprene, EPDM, Nitrile, Silicone and Viton. All rubbers are carried in a wide variety of thicknesses with many also available in variable roll widths, grades, densities and colours.
- High quality Compressed Fibre Materials capable of sealing in elevated pressures, temperatures and with aggressive media. A range of thicknesses is combined with extra-large sheets to ensure we offer maximum versatility.
- Graphite sheets designed for demanding sealing applications. This range includes pure graphite as well as a number of reinforced and blended grades such as Hochdruck by SGL Carbon for extreme sealing problems.
- PTFE Gasket Materials that offer outstanding chemical resistance and long lasting performance. Pure PTFE, glass filled, expanded and high quality blends are all available in a range of sizes and styles.
- Rubberised Corks that combine the toughness of quality cork granules with the sealability of rubber. Our selection of cork materials includes grades designed to seal most common oils and fluids and can be supplied in sheet, roll or cut component form.
- Engineering felts in variable densities and colours. AG's range of industrial felts can be supplied by the metre or cut into precise sealing rings, strips or parts.
- Rubberised Sponge & Foam Sheets. These highly economical products are perfect for low pressure sealing applications that require a highly compressible material that can still be precisely cut, and seal in demanding environments.
- A range of plastics that includes PTFE, Nylon, UHMWPE, Polycarbonate, Urethane and many, many more. We stock plastics in sheet, rod and tube form so that we can offer the widest range of material options possible.
- Shims made from plastic or a wide selection of metals (including copper, stainless steel, brass, aluminium and others). These can be supplied in sheet or roll form as well as in precisely cut (and de-burred if necessary) components.
- Metal Plate, Sheet or Rigid Lengths are also available from AG and can be supplied cut to suit your exact dimensions and requirements. Available types include brass, stainless steel, mild steel, aluminium and copper (which can be supplied in standard or annealed form).



## Finished Gaskets

Our range of finished gaskets includes our high quality Spiral Wound Gaskets, Ring Type Joint Gaskets (RTJ) and Flange Isolation Kits (FIKs), all of which are available in a number of materials, sizes and configurations to suit standard and non-standard flange assemblies. The vast majority of gasket styles in this range are held in large stock quantities by AG whilst the rest can be quickly fabricated to meet urgent delivery requirements.

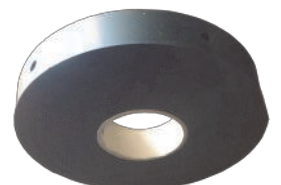
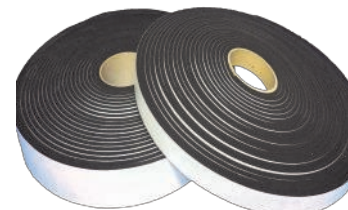
- Spiral Wound Gaskets (SWG) are available in numerous configurations (with inner ring, without inner, winding only, etc...) and in a vast range of material types, sizes and styles.
- Flange Isolation Kits (also known as Flange Insulation Kits) are designed to stop static build up along a length of piping and protect flanges from corrosion. These kits are available to suit standard and non-standard flanges with each component available in a selection of materials.
- RTJs are solid metal gaskets designed specifically for high pressure sealing. Utilised on specially designed flanges, AG carries these high quality products in a range of materials and styles to suit all flange types.
- Many other types and styles of finished gaskets are also available from AG. These include Boiler Door Gaskets, Kammprofile, Metal Jacketed, Corrugated Metal and Fully Moulded Gaskets, just to name a few.



## Gasket Tapes


Combining ease of use with reliable long lasting performance, AG's range of gasket tapes have been carefully selected to meet the needs of a range of sealing applications. This range includes:


- PTFE Threadseal Tapes and Thread Sealing Cords available to suit a number of international standards whilst still being highly economical Thread Sealing options. This range includes our standard PTFE Threadseal Tape as well as grades specifically designed for Gas and Plumbing installations. It also includes our exclusive Weicon Thread Sealing Cord.
- Expanded PTFE Tape that can be used to make gaskets on site. This highly flexible product is easy to apply and offers the benefit of PTFE's unparalleled chemical resistance.
- Closed and Open Cell Sponge Tapes all of which are slit to width in our in-house slitting department so you can select the exact size required for your application. These are available with or without adhesive backing and can be supplied in custom lengths.
- Solid Rubber Gasket Tapes can be produced from any one of our wide range of rubber elastomers. Varying thicknesses, custom widths, adhesive backing and pre-punched holes (at desired spacing and sizing) can all be provided.





## Seals, Mouldings and Extrusions


In addition to our vast range of rubber, foam, sponge and plastic stock (all of which can be cut into gaskets of all shapes), AG is proud to be able to offer a full range of fully moulded, machined or extruded seals. We carry an enormous range of standard sizes in stock and can also produce custom sized components on short lead times with little setup. Our full range of options includes:

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□ A complete range of O Rings available in a wide selection of rubbers (including Neoprene, Nitrile, EPDM, Viton, Silicone and more) as well as plastics. AG carries large stock of standard sized O Rings and can also supply custom sized O Ring seals that are either cold joined, vulcanised or fully moulded. Fully encapsulated as well as reinforced O Ring seals are also available.
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□ Lip Seals are ideal for sealing in applications that need to be able to be opened and closed repeatedly without compromising the integrity of the seal. All of AG's lip seals are manufactured to suit your applications requirements so you can be sure of an exact fit and long lasting performance. AG can produce lip seals made from a wide range of rubbers and in variable densities and colours. Specialised grades approved for contact with food and potable water are also available.
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□ Rubber Extrusions are available from AG in a full range of materials, sizes, colours, densities and grades. Common sizes of popular materials (including silicone, EPDM and Neoprene) are held in stock, meaning that you have a very good chance of being able to get the product you require quickly. On the off chance that your application demands an unstocked size or material, AG can produce custom extrusions quickly and with low minimum order quantities. Custom lengths that allow for easy installation can also be arranged upon request.
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□ Foam Extrusions are softer and more compressible versions of our solid rubber extrusions that are still manufactured according to strict tolerances. Many standard sizes of these long lasting extrusions are held in stock and available for immediate delivery whilst custom sizes can be produced to suit short lead times. With many different materials, colours and densities available, you can be sure that AG can supply the exact foam / sponge extrusion your application requires.
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□ Rubber Mouldings can be supplied by AG in a full range of materials. A large amount of semi-standardised items (e.g. grommets, bushings, etc...) are already held in stock and are available for immediate delivery. Custom items can also be quickly and economically produced. AG's decades of experience with producing moulded rubber components means that we are well versed in the manufacture of parts from sketches, drawings or used samples and we welcome the opportunity to assist with your enquiry.

All of AG's seals, mouldings and extrusions can be supplied in custom packed kits which can greatly assist with repeat installation work. For more information on this service, please don't hesitate to contact your local AG branch.



## Pump and Valve Packings

AG's range of Marigold Packings are high quality pump and valve packings available in an large number of grades and constructions to suit all applications. In addition to this vast selection of materials, AG also offers preformed packing rings made to suit specific shaft sizes and packing tools for easy removal of used packings.

- Marigold Pump & Valve Packings made from PTFE, Graphite, Aramid, Kynol and numerous other fibres. This comprehensive range of compression packing is available by the metre and in a complete range of sizes. Many common grades and sizes are carried in stock while non-stocked grades and/or sizes can all be rapidly produced and delivered to suit tight lead times.
- Preformed Packing Rings are made to order by AG to suit the needs of your application. These rings can be manufactured from any of our Marigold Packings and supplied individually or in kit form which allows for efficient repeat maintenance work.
- Packing Extractors, Cutters and various other tools are all available from AG to make the removal of old packing, and the installation of new, easier. These high quality tools are specifically designed for packing installation and removal and are available in different sizes and styles to match the needs of all common maintenance applications.



## Other Gasket Products

Complementing our vast range of gaskets and gasket materials, seals, tapes and packings, AG is proud to offer a number of cutting tools and adhesives that enable the rapid production of gaskets on site, and assist with their installation. This range of products includes:

- Gasket Cutters and Hole Punches designed for use on site. Even though AG prides itself on offering industry leading delivery speeds, we recognise that sometimes there's simply no time to wait for delivery. When these situations are likely to occur, AG has a range of cutting equipment which will enable you to produce gaskets on site as requirements are identified. By combining any of these cutters, dovetail punches or hole punches with one of our versatile gasket materials, most applications will be covered in situations where time is absolutely of the essence.
- AG's range of Gasket Adhesives & Lubricants include a number of specialised products designed to allow the bonding of materials together or to a sealing surface. This range includes specially developed rubber-to-metal adhesives as well as a number of silicones and other compounds capable of being used to create liquid, formed-in-place gaskets that are used in low-pressure sealing applications. Selection of the correct gasket compound is critical and AG's experienced team of Technical Representatives will be happy to assist with material selection.



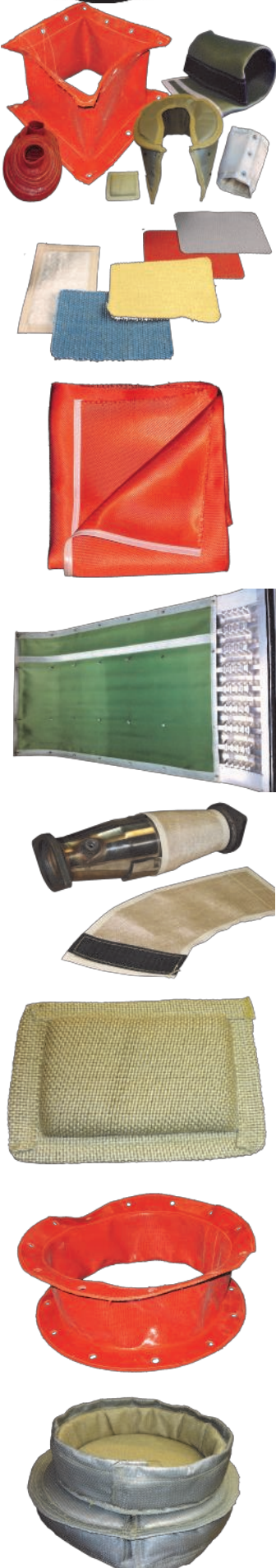
## Thermal Insulation Cloths

Designed to withstand extreme temperatures, AG's range of high quality thermal insulation cloths include grades capable of withstanding not just heat, but aggressive media, abrasion and mechanical stress. This selection of fabrics are available from AG by the metre, roll or in fully fabricated component form. Our experience fabrication team can fashion custom cut, formed or sewn insulation solutions from samples, sketches or drawings and can even assist with application measurement where required. Our selection of fabrics includes:

- Fibreglass Cloths in a wide range of sizes, styles and densities. This selection of economical insulation is available with different weave constructions and a variety of different coatings that includes silicone, rubber, tacky, vermiculite and rewettable grades. Often used in the manufacture of our expansion joints, welding blankets and custom insulation solutions, AG's Fibreglass Cloths are available in an enormous range of thicknesses and can be provided in custom lengths and widths whenever required.
- Refrasil Cloths are high-temperature, silica based insulation cloths designed to provide long lasting insulation performance. This range includes grades capable of withstanding up to 1260°C as well as numerous other specialised styles with enhanced abrasion resistance or black oxide coatings for reduced glare when used as welding protection. All of AG's Refrasil cloths are available by the metre, roll or fabricated to suit the requirements of your application.
- Ceramic Cloths are available in two main styles from AG; fibreglass reinforced and nickel-chrome reinforced. These very high temperature insulation cloths can withstand extreme heat conditions and provide long lasting insulation to protect personnel and equipment. Both styles are available either by the roll, by the metre, or fully fabricated to suit your requirements.
- Aramid Cloth is an incredibly tough thermal insulation cloth perfect for applications likely to see a great deal of abrasion or mechanical stress. This long lasting material combines physical toughness with good insulation properties and can be supplied in rolls, by the metre or in custom component form. Numerous thicknesses are available and custom widths can also be provided wherever required.

AG's extensive fabrication facilities enable us to offer precisely slit, sewn, cut, formed, shaped or adhesive backed insulation, whilst our experienced fabrication team and technical representatives stand ready to assist with material selection, application measurement and solution design.

Over the years, AG has manufactured countless different thermal expansion joints, welding blankets, pump covers, exhaust insulation systems, pipe wraps and custom insulation components and pride ourselves on our ability to continue to produce individualised solutions. Whether you require a tight fitting permanent solution, or a long-lasting component that can be easily installed, removed and adjusted, AG's combination of materials, experience and fabrication options allows us to offer the exact solution you require.

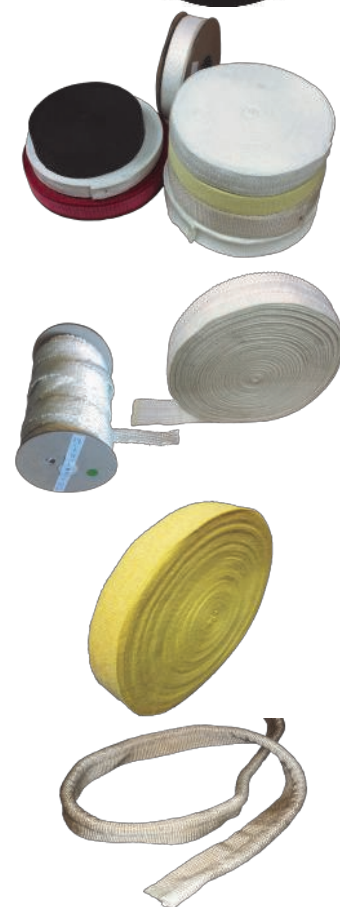




## Thermal Insulation Tapes

Offering a combination of high temperature resistance and convenience, AG's thermal insulation tapes includes a variety of materials, sizes and styles. This comprehensive range features grades capable of withstanding over 1200°C as well as others designed for enduring high mechanical stress or aggressive chemicals. The full range includes:

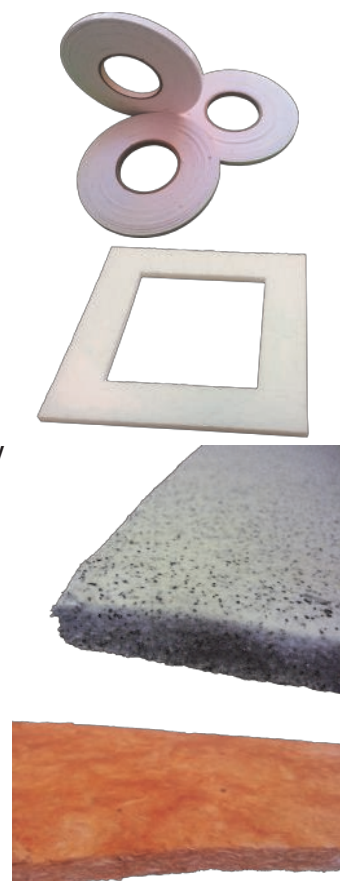
- Fibreglass Tapes available in a vast array of thicknesses, widths, styles, densities, grades and with various coatings. Our range of Fibreglass Insulation tapes includes our Ladder Tape and numerous Silicone Coated or Adhesive Backed varieties.
- Refrasil Tapes made using high temperature resistant silica yarn. These high quality tapes offer increased temperature resistance (compared to fibreglass) are used for insulating with high temperature equipment.
- Ceramic Tapes for extremely high temperature environments. This range includes grades capable of withstanding over 1200°C.
- Aramid Tapes which offer a combination of excellent mechanical strength, abrasion resistance and toughness along with good insulation performance.
- Tadpole Tapes that are perfect for door seals and high temperature sealing applications and are custom made to suit your requirements.



## Thermal Papers, Felts & Flexible Sheets

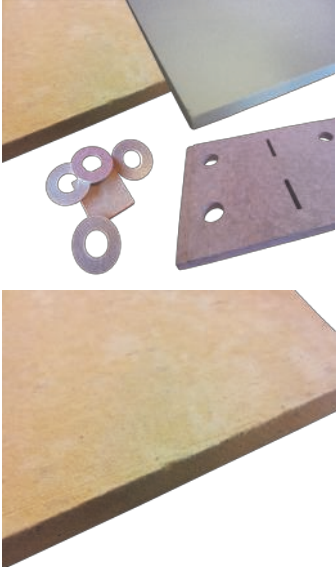
Whether they're serving as high temperature gaskets, pillow filler insulation, or as solid thermal barriers, AG's range of thermal insulation papers, felts and flexible sheets are economical options for protecting against heat. The flexibility of these materials allows for easy installation and conformation to complex shapes whilst the wealth of fabrication options offered by AG means that you can have your item pre-fabricated so that you save time and material. This range includes:


- Lytherm Ceramic Paper is a very economical insulation paper that withstands a range of chemicals whilst protecting against temperatures up to 1200°C (with other grades capable of up to 1600°C). This high performance insulation is available in multiple widths, thicknesses and roll lengths and is even offered by the metre. Lytherm can also be supplied by AG as fully fabricated items such as, adhesive backed tapes or precision cut insulating components.
- Thermal Felts designed for a wide variety of high temperature applications. This range includes grades capable of expansion on exposure to heat as well as specialised grades that can be formed into rigid shapes. Our entire range of these thermal felts can be supplied in sheet, roll or custom component form and with grades capable of withstanding over 1600°C, you can be sure AG has the product required for your application. Often used as filler materials in expansion joints or as primary insulation for sealing at high temperatures, AG's thermal felts are available in multiple thicknesses.




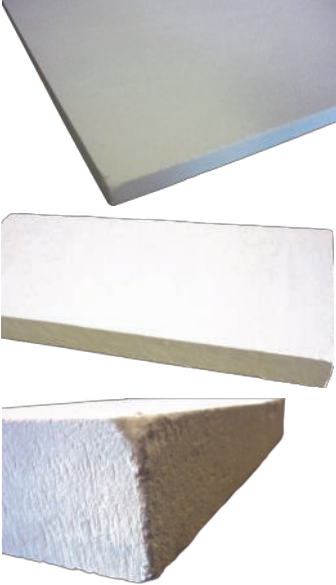
## Rigid Thermal Insulation Boards

Rigid Thermal Insulation Boards provide a combination of high strength, rigidity and resistance to elevated temperatures. This range of boards includes grades with ultra high mechanical strength, as well as varieties capable of withstanding temperatures in excess of 1600°C. Like the vast majority of the AG range of materials, our Rigid Thermal Insulation Boards are all available in sheet or fully fabricated component form. Our extensive fabrication facilities ensure we can offer you fully customised solutions to match the precise needs of your application. Our range of materials includes:

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□ Millboard in a large range of thicknesses. This excellent thermal insulation material exhibits very low thermal conductivity and resistance to temperatures up to 1000°C. Manufactured from a precise blend of mineral fibres with inorganic binders, Millboard is free of ceramic fibres and is often used for high temperature gaskets, furnace linings, boiler insulation, oven linings, thermal shields and behind splashbacks.
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□ Silicone Bonded Mica is a high temperature insulation board which exhibits very good mechanical strength and excellent electrical insulation properties. This board is utilised in applications with temperatures up to 500°C and is often employed for the manufacture of heat or arc shields, as well as high temperature stand-off or brake grid insulators. Silicone Bonded Mica is silver/grey in colour and available in a wide variety of thicknesses as well as custom machined or cut components.
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□ Sindanyo H91 insulation board combines very high mechanical strength with excellent electrical insulation characteristics and very low thermal conductivity. This tough, strong and long lasting insulator is used in environments with temperatures as high as 700°C, and can be precisely machined into custom components. Sindanyo H91 is often used for the production of insulating blocks and components for applications that require a mechanically strong material that will not be affected by elevated temperatures. It is available in thicknesses ranging from 6mm through to 75mm.
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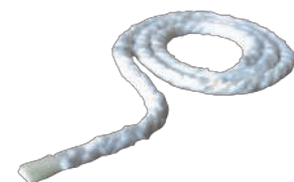
□ Ceramic Fibre Boards are available in a number of different grades, thicknesses, densities and styles from AG to match the needs of different applications. With standard grades capable of withstanding temperatures of over 1200°C and more specialised grades used in 1600°C+ environments, there is a grade of Ceramic Fibre Board capable of serving in most high temperature applications.

Though it does not have the mechanical strength of Sindanyo or Silicone Bonded Mica, Ceramic Fibre Board can be produced in higher density grades (typically referred to as Vacuum Formed Board) that greatly enhance the physical strength, abrasion resistance and tensile strength of the material and enable it to be used in more physically demanding applications. Ceramic Fibre Board is available from AG in a wide range of thicknesses, sheet sizes and configurations and can also be quickly fabricated by our experienced team to suit your requirements.

## Thermal Ropes, Cords, Packing & Sleeving

Whether you require a sewing thread for making high temperature resistant repairs to an old welding blanket, or easy to apply thermal lagging, gaskets or cable protection, AG has you covered. Our range of Thermal Insulation Ropes, Cords, Packing and Sleeving includes grades with outstanding mechanical strength or very high temperature resistance. Some of the products available include:

- Fibreglass Ropes, Cords, Packing and Sleeving capable of serving in temperatures up to 500°C. This range of insulation is available in a wide variety of sizes, densities and several specialised grades including silicone coated and reinforced options for added mechanical strength.
- Ceramic Ropes, Packing and Sleeving for extremely high temperature applications. These economical high temperature insulators are employed in temperatures over 1200°C and are available in a full range of sizes.
- Refrasil Ropes and Sleeving which combine high temperature resistance with good mechanical strength and outstanding chemical resistance. These premium products are perfect for demanding thermal insulation applications that require a long lasting insulation solution.
- Aramid Ropes, Cords and Sleeving which are designed for lower temperature applications that need a mechanically strong insulator. Multiple sizes, styles and customised options are available to match individual applications.



## Thermal Blanket & Batt

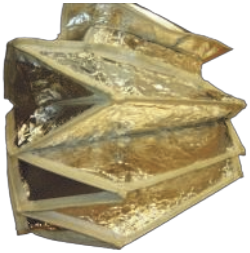
Insulating Blankets & Batts are ideal for situations that require high temperatures to be effectively contained and insulated. For these applications, AG offers a selection of materials all of which can be customised to suit the dimensional requirements of your application or incorporated with other insulation materials to produce the exact expansion joint, welding blanket or customised insulation solution you require. This range includes:

- Fibreglass Blanket and Batt. These materials offer very low thermal conductivity and excellent heat dissipation qualities. Fibreglass Blankets and Batts are used in 500°C environments and are available in a selection of thicknesses, densities and styles.
- Ceramic Blankets are refractory grade materials that represent a very economical option for insulating extremely high temperatures up to and above 1600°C. Different thicknesses, densities and specialised grades are available including our popular foil faced Ceramic Blanket range.
- Refrasil Batts that combine good strength and a durable construction with the ability to withstand temperatures over 900°C. These long lasting, precision engineered materials exhibit excellent resistance to a variety of chemicals and media and are often employed in demanding environments.



## Specialised Thermal Insulation Products

AG combines our incredible variety of thermal insulation materials with our extensive fabrication facilities and experienced staff to offer a complete customisation and fabrication service for our thermal insulation products. This means that you can rely on AG to help you identify, design and produce the exact insulation component your application requires. The list below details just some of the different types of insulation available:



- Thermal Covers designed to suit your application. Whether this is heat generating equipment near personnel walk-ways or an oven which needs to be insulated during operation but accessible between cycles, AG can produce the exact solution you require. With materials capable of withstanding extreme heat, pressures and abrasion as well as even the most aggressive of chemicals, we're confident in our ability to offer the perfect solution for your application.



- Fabric Expansion Joints to match all pipe, flange and line sizes. AG's expansion joints are all produced in-house by our experienced team, using any one (or a combination of) our wide range of insulating and/or sealing materials. This selection means AG is able to offer custom made expansion joints that not only effectively insulate heat, but also seal a fluid processing line.



- Pipe Sleeves made for either permanent or take-on / take-off applications. Utilising any one of our range of fibreglass, ceramic, Refrasil or other insulating materials AG can quickly produce custom made pipe sleeves to match the exact dimensions of your line and can even include custom-made options for easy fitting and removal. Our experienced fabrication team are well versed in the intricacies of making insulating sleeves for tight curves and irregular pipes and will be happy to work with you to design the custom solution you require.



- Welding Blankets manufactured from any of our enormous range of thermal insulation materials to suit almost any temperature, application or size requirements imaginable. Each one of AG's Welding Blankets is sewn to match your exact specifications with reinforced edges, flexible fillers, additional coatings, metallic reinforcements, custom placed eyelets or convenient carry-bags able to be arranged without hassle. From highly economical leather options through to fibreglass, ceramic or high performance Refrasil materials, AG has the range of options required for even the most demanding of applications.



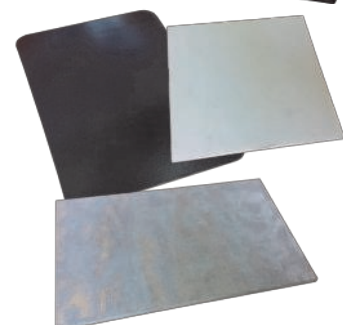
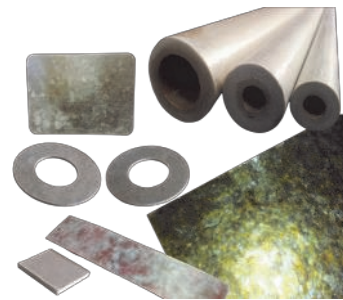
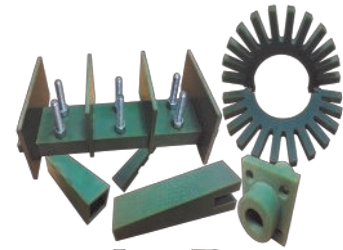
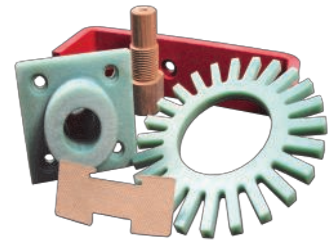
- Custom Insulation Solutions to suit even the most challenging of requirements. At AG, we pride ourselves on our ability to assist our customers with problem applications. No matter the application, our team of experienced personnel will be happy to work with you to design the best thermal insulation solution, fabricate it and make sure it works. To do this, we draw on one of the industries largest ranges of stocked materials which allows us to offer the best material for the application, with no regard or bias for brand.



# Rigid Electrical Insulation Materials


Perfect for the construction of insulating strips, blocks, components or slot wedges, AG's broad range of rigid electrical insulation materials means that there is a grade suitable for every type of requirement imaginable. We combine this vast selection of raw materials with Australia's largest stock holdings and a comprehensive fabrication service, so that we can offer you precision components to suit your individual application. This range includes:

- Isoval Epoxy Glass Laminates available in a number of different grades and a complete range of thicknesses. These high strength insulation materials combine excellent electrical characteristics with good mechanical strength and machinability. With most grades capable of service in 180°C applications (or above), AG's Isoval range is a popular choice for the manufacture of motor slot wedges, insulating strips and all kinds of insulation components.
- Haysite Polyester Glass Laminates. Our highly economical Haysite ETR-FR-C and Ultratrac H950 are ideal for medium temperature applications whilst our HST-11 is perfect for high temperature environments (up to 220°C) which require a high strength electrical insulation board with good mechanical strength and machinability. AG carries an extensive range of thicknesses of these quality insulation boards and can cut, machine or thickness to suit your application.
- Fabric and Paper Based Electrical Materials in a range of different thicknesses. Our fabric reinforced grade (SRBF) is an excellent low cost, low temperature insulator, available in a wide range of sheet sizes (up to 150mm thick) whilst our paper reinforced SRBP is ideal for use with transformer oil and enhanced tensile strength.
- Mica Based Materials, including Moulding Mica sheet, that can be heated and formed into rigid insulating shapes and our Silicone Bonded Mica which offers good electrical performance combined with the ability to withstand temperatures in excess of 500°C. AG also carries a number of other specialised, mica based insulation boards and would be happy to discuss these options with you.
- Electrical Rods, Tubes and Pultrusions manufactured from Epoxy Glass, Polyester Glass, Silicone Bonded Mica, Isoval, SRBF, SRBP and many more. With Australia's largest range of stocked sizes and our ability to fabricate custom sized insulation tubes, rods or pultrusions, AG is confident of being able to provide the exact component you require.
- Specialised Rigid Insulation Materials including our Magnoval 2067 magnetic material and Contaval 2017 conductive laminate. Manufactured by Isovolta, these two specialised grades of electrical board are carried in a number of different thicknesses and can be provided by the sheet or in cut component form. AG also offers a comprehensive selection of G7 Silicone Glass Laminates, Transformer Board and many other styles of insulation to suit even the most specialised of applications.



## Electrical Insulation Tapes


AG combines access to some of the world's most respected insulation tape manufacturers with our comprehensive slitting facilities to offer an extensive range of insulation tapes capable of covering every application. This range includes everything from PVC, adhesive polyester and woven insulation tapes through to EMI shielding, self fusing and mica based high voltage insulation. Our range of electrical insulation tapes is explored in a little more detail below:



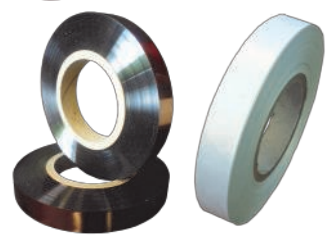
- 3M Electrical Tapes including all kinds of PVC, Self-Fusing, Adhesive Glass, Adhesive Polyester, EMI Shielding and many, many more. Wherever possible, AG carries log roll stock of our 3M Insulation Tapes which allows us to offer you custom slit tapes from this world leading manufacturer.




- Silicone insulation tapes from Arlon. These high quality tapes are designed for high temperature insulation applications and include a number of varieties of fibreglass reinforced coil insulation tape and a comprehensive range of self-fusing silicone tapes. These self-fusing tapes include our popular SLW-401 grade which has been specially engineered to provide long lasting insulation performance whilst laying flat on wrapped objects.




- Nomex™ and Kapton™ tapes from DuPont. As an appointed distributor for this world-leading manufacturer, AG is proud to be able to offer a full selection of Kapton™, Nomex™ and other quality DuPont insulation materials for conversion to tape. Offering unparalleled insulation performance, these high quality materials have been trusted for years to offer reliable insulation in a range of critical electrical applications.




- Fiber-Tek Tapes including our Res-I-Glas Banding Tape and Re-I-Flex Sealable Armor Tape. These high quality, USA made insulation tapes have been exhibiting consistently high levels of performance and ease-of-use for decades and are available in a number of different sizes and grades



- Isovolt Tapes designed for high voltage and specialised insulation applications. This range of high quality tapes includes grades suited for every stage of the motor rewind process; with the vast majority being available in a selection of thicknesses as well as both standard and custom widths.



- Other Film / Glass Electrical Tapes including an enormous range of both adhesive and non-adhesive tapes made from fibreglass, polyimide, plain & reinforced polyester film and numerous other materials and combinations. We also offer specialised shrink, release and self amalgamating tapes for specific applications.



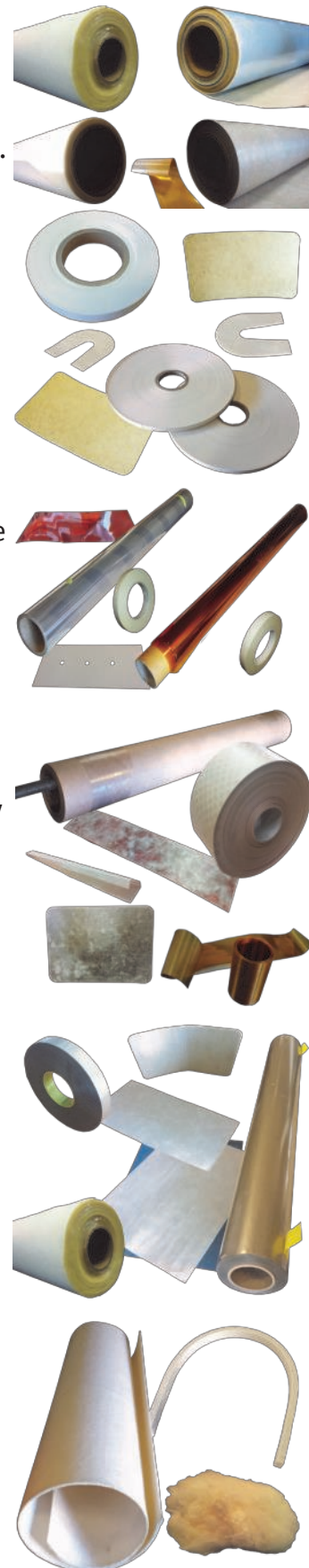
- Woven Electrical Tapes encompassing commonly sought styles like fibreglass, polyester and shrink whilst also including alkyd varnish coated, plain-weave cotton, cotton webbing, and tadpole varieties. The vast majority of these are available in a selection of widths and thicknesses with a number also available on different core sizes. AG's custom made electrical tadpole edging tape can be produced to suit exact requirements for width, thickness and length.



## Flexible Papers, Felts, Films and Composites

The diversity of applications for flexible insulation requires a complete range of materials. AG has responded to this by committing to stock one of Australia's largest and varied selections of flexible insulation which, when coupled with our extensive fabrication facilities, allows us to offer you're the exact cut, folded, shaped or formed insulation component you require, on time, without compromise. This vast range includes:

- Dry, Single Layer materials such as Nomex™ by DuPont. Available in complete range of thicknesses. AG offers all grades of Nomex™ by the roll, metre or KG as well as in cut/fabricated component form. In addition, other dry single layer insulation materials available include Presspahn transformer paper and other specialised materials. All of these economical, easy to handle materials are available in custom sizes and fully fabricated forms (such as tapes or precision cut components) for easy installation and reduced wastage.
- Films & Glass including our Polyester Film, Adhesive Glass, Pacothane® Release Film and many more. These economical insulation materials are all available in a number of different thicknesses and can be provided in custom lengths, custom widths or fabricated components for easy application. Tape versions of these products can also be produced to match your exact specifications.
- Multi-Layered / Composites including our Feinmicaglas, Poroband, Kombimat and Voltaflex materials (all made by Isovolta) as well as commonly used composites such as DMD, NKN, NMN, Glass-Mica-Glass, Elepol and many, many more. All of AG's multi-layered composites are available in a wide range of thicknesses and material combinations and are offered by the roll, metre or in custom component form. Our extensive fabrication facilities and decades of experience with these insulations ensure we can provide not just simple cut strips, but even the most intricate of formed or folded components.
- High voltage Resin Impregnated electrical insulation materials. Typically used in high voltage motor rewinds or transformer repairs; this range includes the Calmicaglas family of resin impregnated mica based materials, our Prefilz resin impregnated felts and our Prinom (Nomex™ based) papers which are ideal for interlayer insulation applications (such as J or U pieces). All of these B-stage materials are available in different sizes and can also be provided in raw material or custom fabricated forms.
- Porous materials including polyester felt, Nomex™ felt, Nomex™ Wool and a number of other specialised grades. This range also includes our Nymat material which is made in-house by AG and combines the high strength and insulation performance of Nomex™ with the impregnability of felt. Though we tend to produce this material for specialised applications, it is an example of the combinations that are possible by talking to your local AG.



## Electrical Ropes, Cords and Sleeveings

Including everything from every-day grades of heat shrink sleeveing through to highly specialised B-Stage surge ropes, AG's range of Electrical Ropes, Cords and Sleeveings includes everything you need for your application. This selection of high quality products are all carried in a broad range of sizes with many also available in custom length rolls / packs and in a selection of colours. Our range includes:

- Tying Cords and String in a range of different styles. AG understands that every motor winder has their own preferences about what kind of lacing string to use so we endeavour to stock the widest range of styles and sizes.
- Fibreglass, Polyester and various other Electrical Cords and Ropes. All of our electrical ropes are available in a number of different sizes, with many also able to be supplied in various densities and roll lengths. This range also includes our highly specialised Fiber-Tek B Stage Surge rope which is a resin-impregnated rope designed for lashing coil ends.
- Electrical Insulation Sleeveing including popular grades such as 942, SD550, 111 and L124. We carry these economical sleeveings in an enormous range of bore sizes and colours which are all available for quick delivery. AG also stocks a complete range of economical heat shrink sleeveings that includes everything from standard, thin wall varieties through to more specialised dual-wall, adhesive grades. The majority of these are available in multiple colours, as well as variable length rolls or boxes of pre-cut tube lengths.

## Epoxies, Coatings and Compounds

AG's range of electrical epoxies, coatings and compounds includes quality grades from world leading manufacturers such as Epirez, Elantas, Epoxylite, Von Roll and many, many more. At AG we believe in the importance of holding stock so we offer not only the largest range of grades, but also different pack sizes of many of the compounds in our range, which includes:

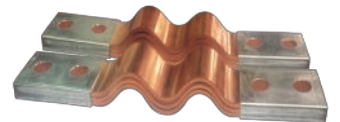
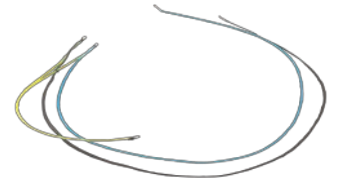
- Epoxies such as the Epirez range of casting epoxies, Trirez Wet Winding Epoxy and the complete Weicon range of epoxy adhesives. This range of high quality products includes grades suitable for everything from securing slot wedges through to complex moulding and forming applications which require a deep pour and high temperature resistance.
- Electrical Putties and Compounds such as Permafil IMI 3285 filling putty, EPO Dynaweight Balancing Compound, R391 Electrical Compound and a selection of other two part, insulating putties for all kinds of repair, forming, casting or moulding applications.
- A complete range of electrical Varnishes and Coatings including our Elmotherm 009-0008 Air Dry Varnish which has been proved to be an outstanding replacement for the old Isonel 300 and is available in a number of forms. In addition, AG also offers a complete selection of baking and VPI varnishes, masking agents and various other air-dry coatings.



## Electrical Cable and Conductors

AG's extensive range of electrical cables and conductors includes a wide variety of styles and grades designed to ensure we have every common application covered. This selection coupled with our commitment to large and extensive stock holdings means that you can count on AG to have the conductor you require, when you need it. Our range includes:

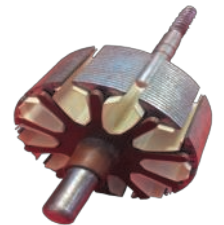
- Low, Medium and High Voltage Cables designed for numerous applications. Featuring everything from flexible single core insulated cables through to more complex multi-core designs, AG's variety of cable options include many grades in multiple colours that are also available in custom lengths. This range includes the popular Siwo-Kul silicone coated single core cables as well as the Radox® family of premium quality cables and conductors which provide consistent, long-lasting performance in demanding applications.
- RTDs and Thermistors in a large variety of sizes and ratings. We combine large stock holdings with an enormous variety of these critical components enabling you to choose the very best option for your application.
- Bare copper and specialised styles of conductors for individual applications. Throughout our almost 50 years of working with Australian repair and manufacturing industries we have continued to develop our range of solutions to match ever changing requirements. If the conductor type you require isn't listed here, don't hesitate to contact us as we'll do everything we can to assist.



## Other Electrical Products


As part of our commitment to providing Australia's most comprehensive range of electrical insulation materials, AG's range continues to expand and evolve. Other materials in this ever-expanding range include:


- Preformed Slot Wedges made from Nomex, DMD or Wood. Often used when rewinding smaller or lower voltage machines, AG is proud to offer these convenient insulation sticks in a comprehensive range of sizes and materials.
- Plastic Motor Fans available in a full range of sizes. Designed for maximum versatility, AG's plastic motor fans are offered with separate hubs designed to suit standard shafts or can be easily machined to match all shaft sizes.
- Stand-Off Insulators manufactured from high-quality, non-flammable polyester glass with threaded brass inserts. Available in a wide range of styles and (imperial and metric) sizes; AG's stand-off insulators combine outstanding electrical performance with high mechanical strength and excellent physical endurance characteristics.
- Custom Fabricated Electrical Insulation Solutions produced from any one, or combination of, our enormous range of insulating materials. AG's experienced team, coupled with our extensive fabrication facilities and broad range means you can rely on us to produce the exact custom component your job requires.

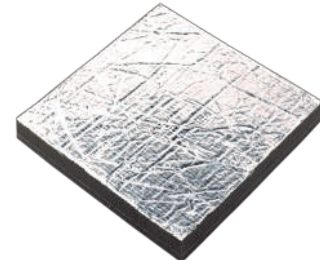


## Acoustic Insulation

In addition to our vast range of thermal insulation materials, many of which exhibit good sound dampening characteristics, AG is pleased to offer a dedicated range of acoustic insulation materials. Like all of our range, AG can provide these in raw material or fabricated component form which can save you labour, wastage and money. This range of acoustic insulation materials includes:

- 


□ Acoustic Foams in a variety of grades, thicknesses, sizes and colours. Designed to provide long lasting performance these quality foams are perfect for applications requiring noise reduction such as motor vehicles, rail stock, marine and structural applications. AG can provide these materials in roll form, by the metre or cut to shape for easy installation into your application.
- 


□ Acoustic Panels manufactured in a range of different grades, densities, thicknesses and sizes. Like our acoustic foams, all of AG's acoustic insulation boards can be supplied in sheet or cut component form.
- 


□ Composite Materials produced from any combination of our acoustic insulating materials. By combining our stock of tough, abrasion resistant boards with our softer acoustic insulation materials and extensive variety of adhesives, AG can produce custom-made acoustic insulation materials which offer both high sound dampening performance and long lasting resistance to damaging environments.


## Fasteners

As a proud distributor for Lamons, AG is pleased to offer their full range of high quality studs, nuts, washers and specialised bolts. A leader in their field, Lamons' range of bolts and nuts are trusted in demanding applications the world over. Our range of these high performance products includes:

- 

□ Studs including double-end, tap-ends, combination, single-end, all thread, collars and specials. These are available in sizes ranging from 1/4" through to 1 1/2" as standard with others also available upon request.
- 

□ Nuts to suit all kinds of bolts including heavy hex, finished hex, jam, coupling, slotted, square, cap, tee, wing, castle, spherical faced nuts and specialty styles and sizes.
- 

□ Washers manufactured from a wide range of materials and designed to suit a vast array of sizes. Available styles include plain washers, several styles of lock washers (including helical spring and tooth lock) and hardened steel washers (produced to match the ASTM F436 specification).
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□ A wide range of specialised headed parts including square bolts, hex head bolts, heavy head bolts, socket cap screws, riser bolts and bonnet bolts. This range also includes specialised styles such as bent bolts (eye, anchor, U, round end and J) and Lamons' specialised SPC4™ load indicating fasteners.

# Adhesives & Sealants

AG's huge range of industrial adhesives and sealants means we have the product required for your application. Our partnerships with some of the world's most reputable manufacturers ensures we can offer the very best products available, at economical prices. This means AG can provide you with adhesive and sealing products you can trust to do the job, and save you money. Our range includes:

- A full range of Elastic and Structural Adhesives used to create quick, strong and flexible long-lasting bonds between all kinds of surfaces. This range of highly economical one part adhesives includes our Weicon Flex-Bond as well as numerous other grades capable of creating sealing joints in all kinds of application conditions.
- Silicones and Primers from Momentive (formerly GE Silicones), Dow Corning and Weicon. We offer the full range of products from these trusted brands with many stocked for fast delivery. The vast majority of this range is available in variable pack sizes which enables you to select the best size for your unique needs.
- Weicon Contact Adhesives for creating fast, strong bonds. This range of industrial strength glues includes grades capable of everything from creating high strength joints between metals, rubber, plastics and more through to high temperature resistant or optically clear grades. There's even grades available that are capable of bonding materials usually thought to be un-bondable such as PTFE.
- The Weiconlock range of thread, threaded pipe or cylindrical assembly sealants. With varying degrees of viscosity, temperature resistance, strength, colour and accreditation available this selection of high quality, German-made products includes a grade suited to every application. This includes a number of dedicated liquid gasket grades used for creating quick, custom seals for closely machined assemblies.
- Repair Sticks for making quick, easy, long lasting repairs to all kinds of surfaces. These easy to use compounds are perfect for small repair jobs and include grades capable of high temperature resistance, fast curing and even underwater application.
- Urethane compounds in varying densities for moulding and coating applications.
- Plastic Metal compounds used for making large scale, tough, long lasting repairs as well as moulded and machined objects. This range of high quality products can be used for everything from repairs to metal components through to the moulding of tools and work pieces.
- Epoxy Adhesives designed for creating high strength, insulating joins. This range is perfect for creating fast drying, bonds and seals on epoxy objects and includes grades designed for either squeeze or pre-mix application.



## Lubricating Compounds

By partnering with Weicon, AG is proud to be able to offer their full range of high quality, German-made Industrial Lubricating Compounds. This includes grades capable of lubricating all kinds of equipment and exhibiting long lasting performance in even the most demanding of environments. As a result, AG's lubricating compounds offer exceptional value for money through reduced labour, repair and maintenance costs. This range includes:

- Weicon Allround Lubricants. Featuring grades designed for everything from high pressure or high temperature applications through to aggressive chemicals or contact with food, the Weicon Allround Lubricant range are perfect for many every-day industrial applications. These high performance greases exhibit extremely long re-greasing intervals, good material compatibility and increased dependability. They are also available in a variety of forms and sizes so you can select the best fit for your application.
- Weicon Anti-Seize. These high performance lubricating pastes and sprays provide reliable, long lasting protection against corrosion, wear and seizure and are employed in extremely demanding applications. Including our Weicon Anti-Seize, Anti-Seize High Tech and specialised copper and nickel grades, AG's Weicon Anti-Seize products are perfect for critical applications with aggressive chemicals, high pressure loads, high operating temperatures and feature very finely ground solids designed to completely fill any irregularities in a surface and therefore provide long-lasting, highly effective protection.



## Safety Products

As plant operators ourselves, AG understands the importance of creating and maintaining a safe work environment for personnel. Because of this understanding, AG's range of safety products have been carefully selected to include only products that can be trusted to help prevent accidents, before they occur. This range includes:

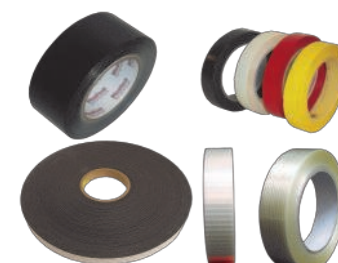
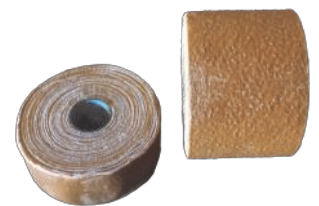
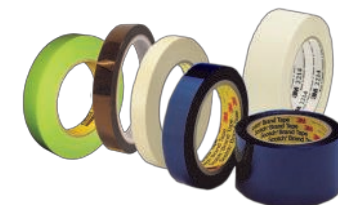
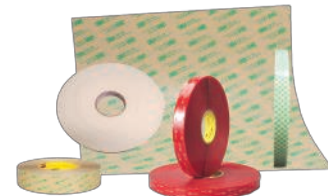
- Flange Spray Shields available to suit both standard and custom sized pipe flanges. These easy to apply products are designed to provide an extra layer of protection in case a leak does occur by creating a barrier which prevents any leaking fluid from spraying onto surrounding equipment or personnel. Available in a variety of materials to protect different kinds of fluids, AG's Flange Spray Shields are an economical insurance option when a line is carrying dangerous fluids.
- Specially designed Fingersavers which allows a user to use a flogging spanner or hammer without risk to their fingers.
- A full range of Reflective and Marking tapes (detailed more on the next page).
- Anti-Slip materials for flooring or steps. AG can provide these materials in sheet or cut component form for easy application into your premises.



## Specialised Tapes & Labels

AG combines our enormous stock of raw materials with our comprehensive slitting facilities to offer an extensive selection of Specialised Tapes, Labels and Cut Components. This includes everything from high quality double sided tapes through to reflective tapes, industrial masking tapes and specialised pipe repair and protection products. This range ensures that you can be certain AG will provide the exact tape or label product needed for your application.

- Double Sided Tapes & Sheet slit or cut to your exact specifications. Utilising 3M's vast catalogue of raw materials, AG is able to produce double sided bonding tapes capable of performing in even the most demanding of applications. This range includes everything from standard double sided varieties through to 3M's VHB™ range of performance bonding tapes. Our ability to offer custom size slit rolls ensures that you can select the exact size needed for your application, whilst our commitment to service means that many standard sizes are held in stock and even custom sizes can be quickly converted to meet your requirements.
- A full selection of Reflective Tapes and Sheeting including grades accredited to all relevant standards for safety and visibility. The vast majority of these grades are available in a wide selection of colours and all can be provided in custom slit or cut sizes to meet the requirements of your application. AG's extensive slitting facilities allow us to offer precision slit rolls while our kiss-cutting facilities can rapidly produce intricately cut components left on their original peel-off adhesive backing which allows for fast, hassle-free application in assembly line situations.
- Industrial Masking Tapes designed for demanding applications. AG's stock of 3M masking tapes includes grades suitable for permanent application in both indoor or outdoor environments as well as specialised grades capable of withstanding aggressive chemicals or high temperature applications. Like the majority of our other tapes, AG can provide these quality tapes in either standard or custom width rolls depending on your requirement.
- Pipe Repair & Protection Tapes including Denso and Petro tapes which provide economical protection against corrosion, abrasion and other environmental influences. This range also includes our revolutionary HydroWrap pipe repair kit designed for making quick, permanent (or temporary) repairs to leaking pipes in the field and is stocked by AG in a range of different widths and lengths.
- A wide range of other Specialised Tapes and Labels for specific applications. This includes a complete selection of 3M BumpOn Tape products as well as various grades of industrial filament tapes, PullTapes, Dual Lock Tapes, Lane Marking, Gaffer and many other kinds of specialty products. With decades of experience in providing highly specialised tapes for many industrial applications, AG's range of stock, experience and full slitting and tape conversion capabilities ensure we can provide you with the exact solution your application requires.

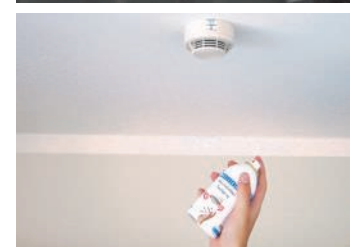
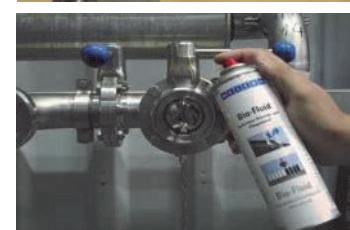


## Technical Sprays



Combining ease of use with high quality performance, AG's versatile range of technical sprays includes grades suited to all common industrial applications. This category features everything from adhesives and lubricants through to surface and corrosion protection sprays and much, much more. Some of the styles available include:

- Cleaning & Degreasing Sprays including all-round sprays such as our Cleaner S Spray and Surface Cleaner as well as more specialised grades like our Electro Contact Cleaner, Sealant and Adhesive Remover and Parts and Assembly Cleaner. Of course, our range doesn't end there with Plastic, Citrus, Visor, Brake and Burner Cleaners also being available, along with many, many more.
- Adhesive Lubricants such as our Belt Dressing Spray, Chain and Rope Lube Spray and Spray-On Grease. These long lasting lubricating compounds effectively bond to a range of different materials and surfaces and provide long lasting lubrication performance which results in decreased wear and longer service intervals.
- Dissolving and Separating Sprays which include our Alu Grinding Protection Spray, Rust-Shock and Rust Loosener Sprays as well as Mould Release Agent, Contact, Label Remover and Welding Protection Spray. These quality sprays help speed up and simplify many routine maintenance tasks and have therefore been employed as a cost saving measure in a variety of industries.
- Care and Protection sprays for a range of applications. These include our Stainless Steel Care Spray, Metal Fluid Spray for metal surfaces and our Cockpit Spray for protecting car interiors and rubber surfaces.
- Surface and Corrosion Protection Sprays for a vast range of surface types. This selection of quality sprays features our Stainless Steel, Copper, Brass, Zinc and Zinc-Alu Sprays as well as our Chrome Silver and Rust Protection 2000 Plus sprays. All are designed to provide long lasting performance and many can also be used to patch up, repair or enhance damaged parts on metal components.
- Lubricating and Multifunctional Oils designed for maximum versatility. This range of quality, industrial grade technical sprays includes our W44T water repellent all-round lubricant, AT-44 Allround Spray with PTFE, Fitting Spray and Anti-Friction Spray. AG also offers more specialised lubricating technical sprays such as our PTFE Spray, Silicone Spray and our Bio-Cut and Bio-Fluid.
- Inspection Aids and Adhesive Sprays capable of creating strong, long lasting bonds. AG's selection of adhesive sprays includes grades from a number of manufacturers to ensure we have the spray required for your application. Additionally, AG's inspection aid sprays are suited to applications as diverse as testing smoke detectors, or identifying even the tiniest of leaks from pipes or tanks.



## Technical Liquids

For applications where heavy use is expected or where spray application is not viable, AG is proud to offer a comprehensive range of technical liquids. This range includes many of the same high quality products introduced under the Technical Sprays heading with each offering the same high quality performance as well as the increased versatility of having the product available in liquid form.

Almost all of AG's Cleaning & Degreasing, Dissolving & Separating, Lubrication, Care and Maintenance sprays are also available in liquid form meaning that you can choose the best form for your application. In addition to these, we are also able to offer a comprehensive range of Metal Pigment Coatings and Dispensing Equipment; both of which are detailed a little more below:

- AG's comprehensive range of Weicon Metal Pigment Coatings are high quality, engineered products designed to provide reliable, long lasting performance. Tested in accordance with the strictest of European standards, this range includes our Brushable Liquid Zinc Paint and Liquid Zinc Coating as well as the new Weicon Aluminium Paint and Stainless Steel Paint. Each of these high quality coatings are designed to effectively protect against corrosion, abrasion and the effects of weathering and environmental influences.
- When it's time to utilise one of our many Weicon Technical Liquids, AG can also offer the dispensing equipment needed to get the job done. Whilst we're not going to lie and say that this is the only equipment suitable, we will say that it's the only equipment made by the people who make the liquids so you know it'll work. AG's range of Weicon Dispensing Equipment includes both our WSAD 400 Pressurised Air Spray Can and our WPS 1500 Pump Dispenser. Many of our technical liquids can be applied using either, though AG can confirm a particular grades suitability when required.

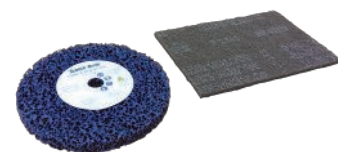


## Other AG Products

AG is proud of our history of expanding our range to suit the changing needs of our customers and we plan on continuing to do this in the future. This brochure may detail the majority of the products in AG's current range, but even now, it is not entirely comprehensive.

If you cannot find the product you require in these pages, we strongly encourage you to contact your local AG branch as there is every chance we may either be able to assist you, or know someone who will.

At AG, we pride ourselves on providing the very highest levels of service possible and will continue to do so by expanding and evolving our range as new products, materials and solutions become available and our customers' needs change. In the meantime, if there is any more information you require on a product listed (or not listed) please do not hesitate to contact your local AG branch.





Associated Gaskets



Quality  
ISO 9001



For more details on the range of products and services offered at AG

**Phone: 1300 098 060**

**Visit: [www.agaus.com.au](http://www.agaus.com.au)**

### **AG Sydney (Head Office)**

68 Marigold Street  
REVESBY NSW 2212  
Phone: 61-2 9774 3333  
Fax: 61-2 9774 1100  
Email: [syd@agaus.com.au](mailto:syd@agaus.com.au)

### **AG Newcastle**

4 / 32 Rural Drive  
SANDGATE NSW 2304  
Phone: 61-2 4967 7677  
Fax: 61-2 4968 9496  
Email: [new@agaus.com.au](mailto:new@agaus.com.au)

### **AG Wollongong**

2 / 28-30 Glastonbury Avenue  
UNANDERRA NSW 2526  
Phone: 61-2 4272 4800  
Fax: 61-2 4272 4445  
Email: [woll@agaus.com.au](mailto:woll@agaus.com.au)

### **AG Brisbane**

97 Commercial Road  
FORTITUDE VALLEY QLD 4006  
Phone: 61-7 3257 1144  
Fax: 61-7 3257 1392  
Email: [bris@agaus.com.au](mailto:bris@agaus.com.au)

### **AG Melbourne**

3 / 7 England Street  
DANDENONG VIC 3175  
Phone: 61-3 9768 3113  
Fax: 61-3 9768 3112  
Email: [melb@agaus.com.au](mailto:melb@agaus.com.au)

### **AG Perth**

1 / 32 Pilbara Street  
WELSHPOOL WA 6106  
Phone: 61-8 9258 5858  
Fax: 61-8 9258 9900  
Email: [perth@agaus.com.au](mailto:perth@agaus.com.au)

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A Resident Rep in Central Qld

**[www.agaus.com.au](http://www.agaus.com.au)**