

3M Science.
Applied to Life.™

3M Metalworking Solutions

Bring it on.

Equip your workforce with the power, protection,
and confidence to help deliver on quality. Even in
the toughest environments.

Distributed by:

TENAQUIP
INDUSTRIAL EQUIPMENT, SUPPLIES & SOLUTIONS

Cutting, Grinding and Blending

Cut-Off Wheels



3M™ Cubitron™ II Cut-Off Wheels

Engineered to cut faster than competitive ceramic products offering significant productivity gains. Metalworking professionals value its fast cutting action on heat-sensitive metals and its abrasive cutting wheel efficiency.



3M™ Silver Cut-Off Wheels

Designed to deliver a combination of performance and value in metal cutting applications. This long-lasting wheel uses 3M Precision-Shaped Ceramic Grain to help deliver a fast and consistent cut through pipes, tubes, or flat sheets of stainless steel, mild steel, aerospace alloys and more.

Grinding and Blending



3M™ Cubitron™ II Depressed Centre Grinding Wheel

Constructed of 3M Precision-Shaped Ceramic Grain to bring you an exceptionally fast-cutting and long-lasting rigid bonded wheel for heavy weld removal and other heavy-duty grinding applications. This grinding wheel works well on almost all materials and is specially formulated for use on stainless steel, mild steel, and aerospace alloys.



3M™ Silver Depressed Centre Grinding Wheels

This long-lasting wheel uses 3M Precision-Shaped Ceramic Grain to deliver a fast and consistent cut during grinding and heavy stock removal on stainless steel, mild steel, aerospace alloys, and more.



3M™ Cubitron™ II Fibre Disc 982CX Pro

With 3M precision-shaped grain, this disc slices through carbon steel and helps generate up to twice the cut-rate, durability, and life of other fibre discs — all with less grinding pressure.



3M™ Cubitron™ II Roloc™ Fibre Disc 982C

This disc offers outstanding performance and productivity for medium to high-pressure grinding applications on carbon steel when a smaller sized disc is needed.



3M™ Fibre Disc 782C

An excellent choice for tough applications including weld removal, blending and finish refinement.



3M™ Flap Disc 769F

A long-lasting, versatile abrasive disc that includes all the advantages you expect from a flap disc, including conformability and ease of use with a lower risk of gouging. Featuring 3M precision-shaped grain and a durable polyester backing, the 3M™ Flap Disc 769F holds up strong to applications like bevelling, weld grinding, and edge deburring.



3M™ Pneumatic Angle Grinder

The design and robust components of this grinder help provide durability and reliability in the harshest industrial conditions.



Surface Preparation and Finishing



Deburring



Scotch-Brite™ Deburr and Finish Pro Unitized Wheels

Blend, deburr, and finish all in one step. With 3M Precision Shaped Grain technology and an open web of nylon fibres wound around a metal core, this wheel helps remove burrs 30-50% faster than other Scotch-Brite™ Wheels and quickly blasts through dirt, corrosion, and other contaminants.



Scotch-Brite™ Industrial Abrasives

The non-woven web technology from Scotch-Brite™ Brand is made with nylon that has been soaked in resin and abrasive mineral. The fibres and particles are bound together and formed into an open, three-dimensional structure. This “web” construction provides a springy quality, which helps the product conform and bounce back without leaving an uneven finish. New abrasive mineral is exposed while you work, helping to extend the life of your abrasive product so that you can keep producing consistent finishes.

Cleaning and Surface Preparation



Scotch-Brite™ Roloc™ Surface Conditioning Discs

Is a durable, non-woven disc that includes the efficient 3M™ Roloc™ Quick-Change Attachment System. This disc helps clean, finish, blend, and deburr various surfaces.



Scotch-Brite™ Radial Bristle Discs

Features 3M Ceramic Abrasive Grain technology blended with aluminum oxide and moulded into flexible bristles. This disc continually self-sharpens so the abrasive doesn't dull over time. Use this disc to help remove paint, stains, adhesives, weld burns, rust, heavy oxides, and surface contaminants.



Scotch-Brite™ Clean and Strip XT Pro Discs

Features silicon carbide abrasive mineral incorporated into an open nylon web. It effectively removes rust, paint, mill scale, coatings and adhesives from surfaces without significantly altering the base material. The high strength fibres are highly conformable, resist chunking and loading, and perform well on the edges of a workpiece.

Finishing and Blending



Scotch-Brite™ PRO Hand Pad 7447

Combines flexibility with effective cutting action and precise hand control to help you accomplish tough cleaning jobs or produce fine finishing results, use after use.



Scotch-Brite™ PRO Hand Pad 7448

Combines durability for long life, flexibility for reaching tight areas, and is to be used in place of steel wool for conditioning metal surfaces and paint prep in less time than conventional non-woven abrasive products.

Masking Tapes



3M™ Masking Tapes

Five tapes built on increasing levels of performance and a common goal of helping you finish jobs worth finishing.

3M™ Value Masking Tape 101+

Ideal for indoor, light-duty applications like marking, temporary holding, and wrapping.

3M™ General Use Masking Tape 201+

Best suited to indoor, light-to-medium duty applications like bundling, labelling and identifying.

3M™ Performance Yellow Masking Tape 301+

Use it for industrial strength bundling, holding, colour coding, and paint masking up to 107°C (225°F).

3M™ High Performance Green Masking Tape 401+

Ideal for high performance masking, including two-tone colour applications, up to 121°C (250°F).

3M™ Specialty High Temperature Masking Tape 501+

Best suited to high temperature paint baking, fascia painting, and powder coating applications up to 149°C (300°F).



Panel, Frame, Stiffener and Trim Bonding

3M™ VHB™ Tape

A high-strength, double-sided acrylic adhesive tape. The pressure-sensitive adhesive (PSA) helps create an instant bond without any drying time required. The polymer of 3M™ VHB™ Tape is composed of carbon chemical bonds that are highly resistant to energy. With 3M™ VHB™ Tape, the materials get stronger over time providing a long-lasting bond.



3M™ VHB™ Acrylic Foam Tape 5952

A black, 45 mil (1.1 mm) modified acrylic adhesive with a very conformable, foam core.



3M™ VHB™ Tape 4910

Clear, 40 mil (1.0 mm), general purpose adhesive and firm acrylic foam core offers a good balance of strength and conformability.



3M™ VHB™ General Purpose High Temperature Tape GPH-110GF

Grey, 45 mil (1.1 mm), acrylic adhesive with a conformable, acrylic foam core.

Reclosable Fasteners



3M™ Dual Lock™ Reclosable Fastener SJ3540

Bonds to a variety of substrates, including many plastics and low surface energy materials.

3M™ Dual Lock™ Reclosable Fastener SJ3550

Bonds to a variety of substrates including metals and plastics such as acrylics, polycarbonate and ABS.

3M™ Dual Lock™ Reclosable Fastener SJ4570

A low surface energy adhesive constructed on the back of a clear, polypropylene reclosable fastener and a good alternative to screws and bolts.



3M™ Hook Fastener SJ3526N

One part of a two-part fastener solution designed to provide great durability for thousands of closures. With its high-performance, rubber-based, pressure-sensitive adhesive backing, this fastener allows for easy and convenient attachment to a variety of substrates, including plastics.

3M™ Loop Fastener SJ3527N

This fastener with a woven loop backing, covered with thousands of soft, pliable napped loops, providing for thousands of openings and closings (cycles).

Mounting and Trimming

3M™ Double Coated Film Tape 9589

A 9 mil (0.23 mm), two-sided, high-density polyethylene tape. It features the 3M Adhesive 760, a high tack synthetic rubber adhesive that helps provide excellent quick stick or initial adhesion, bonding together a wide variety of materials. It has high initial adhesion and build-up over 24 hours, allowing for proper placement of the bonded materials.



3M™ Double Coated Tape GPT-020F

A general purpose industrial thin bond tape for a wide range of applications and substrates.

3M™ Double Coated Tape 9832

A 4.8 mil (0.12 mm) two-sided tape with a double-coated high tack adhesive on a polycoated kraft paper liner with a polyester carrier. It helps provide strong initial adhesion and good holding power on a variety of substrates and has medium temperature resistance.



3M™ Scotch-Weld™ Epoxy Adhesive DP420NS

A black, toughened, non-sag, two-part epoxy structural adhesive that provides good strength along with high impact and fatigue resistance to meet demanding bonding challenges. This adhesive can replace mechanical fasteners, screws, rivets, and spot welds in many applications.



3M™ Scotch-Weld™ Low Odour Acrylic Adhesive 8700 Series

Formulated to work well, including in cold temperatures, these structural adhesives have a low odour formulation and non-flammable classification to help improve the working environment. They can also help you achieve new design goals like enhanced aesthetics and lightweighting (replace mechanical fasteners).



3M™ Scotch-Weld™ Epoxy Adhesive DP125

A low odour, two-part epoxy adhesive that creates strong structural and flexible bonds on metal, ceramics, wood, and many plastics. It provides the reliability and strength you need to maintain productive, cost-effective results.

Bonding for Large and Small Projects



3M Multi-purpose spray adhesive

These adhesives are suitable for a wide range of applications, including bonding lightweight materials such as fibreglass, foam, paper, felt, wood, plastic and more. Typical applications include general assembly, temporary holding, palletizing and label attachment.

3M Heavy-duty spray adhesive

These adhesives can effectively bond metals, wood, HPL, rubber, carpet and flooring. Typical applications include furniture, display fixtures, exhibits, specialty vehicle flooring and countertops with HPL bonded to particle board.

3M Upholstery foam and fabric spray adhesive

These adhesives are engineered to bond fabrics, foam and upholstery to a variety of substrates. Typical applications include furniture, seating, headliners, office partitions and general foam bonding.

3M Cleaners and lubricants

These products are used on a variety of surfaces such as metals, woods, and plastics, and are suitable for all industrial markets. Applications include adhesive removal, surface cleaning, surface protection, penetration, lubrication, and water displacement.

Lane Marking and Hazard Warning

Mark, identify, colour-code, seal seams and more.

3M Complete Floor Marking System



3M Lane Marking and Hazard Warning Tapes

These rugged tapes adhere aggressively and remove cleanly from most surfaces. Applications include marking hazards and aisles, colour coding of pipes, fine line paint masking, decorative trim, high visibility splicing and more.

3M™ Vinyl Tape 471

A versatile tape that helps provide long-lasting floor and safety marking, sharp paint lines on complex jobs, and reliable seals or repairs. Designed with unique stretch properties, it conforms to rough, irregular, curved, and convex surfaces while remaining stretched and without lifting after application.

3M™ General Purpose Vinyl Tape 764

A vinyl tape coated with a rubber adhesive and ideally suited for a variety of colour coding, temporary surface protection, bundling, marking and protection applications. The rubber adhesive offers quick stick and good holding strength on many substrates.

3M™ Hazard Warning Tape 766

A distinctive yellow and black striped vinyl tape coated with a rubber adhesive and designed for use as a marking tape for a variety of warning applications. The rubber adhesive offers quick stick and good holding strength on many substrates.

Packaging and transportation



Box Sealing



Scotch® Box Sealing Tape 371

Offers high edge tear and split resistance. It uses a pressure-sensitive hot melt synthetic rubber resin adhesive system on a conformable, polypropylene film backing that is resistant to abrasion, moisture, chemicals and scuffing.



Scotch® High Tack Box Sealing Tape 375+

A superior performance packing tape that securely closes a wide variety of heavy weight box materials, including recycled fibreboard. The polypropylene film backing is easy to unwind and resists abrasion, moisture and scuffing.

3M™ Tartan™ Box Sealing Tape 369

A general purpose packaging tape used for non-critical applications, including lightweight boxes exposed to minimal distribution hazard. It uses a pressure-sensitive hot melt synthetic rubber resin adhesive on a conformable, polypropylene film backing.

Filament Tapes

When you need a tape as strong as your reputation, you can count on 3M's consistently reliable, market-leading high strength tapes.



3M™ Filament Tape 8934

Constructed on a clear polypropylene backing and reinforced with glass yarn filaments, for strapping, bundling and reinforcing applications. It has a tensile strength of 100 pounds per inch (18 kg per cm) width and a pressure-sensitive synthetic rubber adhesive offers good shear strength to fibreboard, plastics and most metals surfaces.



3M™ Filament Tape 8959

Constructed on a clear polypropylene backing, reinforced in both directions with glass yarn filaments, with a synthetic rubber resin adhesive. It has a tensile strength of 27 kg per cm (150 pounds per inch) width.

Scotch® Filament Tape 897

Constructed on a clear polypropylene backing, reinforced with glass yarn filaments, with a synthetic rubber resin adhesive. It has a tensile strength of 30 kg per cm (170 pounds per inch) width.



Foil Tapes



3M™ Aluminum Foil Tape 425

A dead-soft aluminum foil backing, excellent heat and light reflection to help protect against high temperatures and UV degradation. The foil also serves as an excellent barrier against moisture, dust, flame, and certain chemicals as used in aircraft paint stripping masking. Acrylic adhesive supplies great temperature, UV and solvent resistance. It provides excellent age life and is ideal for harsh, long-term outdoor environments.



3M™ Lead Foil Tape 420

A dark silver, lead foil backed tape coated with a distinct green rubber adhesive that offers good initial grab and long-lasting bond that removes cleanly for most surfaces. It is an extremely conformable and pliable tape that can be formed into detailed and intricate shapes and patterns. The lead foil backing can be burnished to fully cover the adhesive and allow full contact of the lead foil to the metal base. This metal to metal contact results in a continuation of the electrical path, reducing build-up at the adhesive interface. Lead foil tape is often used on golf clubs to control weight distribution.

Specialty Single Coated Tapes



3M™ Glass Cloth Tape 361

A silicone adhesive that is excellent for use in many applications requiring high temperature resistance and high adhesion.



3M™ Polyester Film Tape 850

For splicing applications requiring quick stick and an aggressive, permanent hold.



3M™ UHMW Film Tape 5421

The effectiveness lies in its Ultra-High Molecular Weight polyethylene (UHMW) backing. UHMW is a thermoplastic that has a unique combination of properties, such as exceptional hardness and low surface energy.



3M™ Polytetrafluoroethylene (PTFE) Glass Cloth Tape 5453

A premium performance glass cloth tape with PTFE properties and has a silicone adhesive.



3M™ Lithographers Tape 616

An optically transparent and photographically opaque tape primarily designed for many lithographic striping applications in the graphic arts industry.

Extreme Sealing Tapes

3M™ Extreme Sealing Tapes

Translucent, highly conformable, single-sided, pressure sensitive acrylic adhesive tapes with a high-performance ionomer backing. It is an ideal solution for creating a watertight seal. It conforms over fasteners, seams, joints, holes, and gaps to ensure a long-lasting seal on a variety of substrates.



3M™ Extreme Sealing Tape, 4411

1.0 mm thickness



3M™ Extreme Sealing Tape, 4412

2.0 mm thickness

Duct Tapes

3M™ Duct and Cloth Tapes

Three duct tapes that can do it all.



3M™ All Purpose Duct Tape DT8

Designed to provide a versatile, conformable, quick stick solution for demanding applications.



3M™ Super Duty Duct Tape DT11

Designed to provide a formidable, reliable solution for everyday challenges and adheres to numerous substrates, including most plastic.



3M™ Super Duty Duct Tape DT17

Designed to provide a maximum-strength, long-lasting solution for the ultimate applications.



Personal Protective Equipment



Safety and protection

Communication Solutions



3M™ PELTOR™ ProTac™ III Headset

Help protect your hearing and at the same time be more aware of your surroundings by hearing surrounding sounds such as warning signals or beeps from backing vehicles.



3M™ Peltor™ WS LiteCom Pro III Headset

Get a hearing protector with built-in analog and digital, programmable, two-way communication radio, as well as seamless connection to multiple external devices using Bluetooth® technology. Level-dependent microphone allows for level-dependent hearing protection and ambient listening.

Hearing Protection



3M™ Peltor™ X Series Ear Muffs

Applied to moderate-to-high industrial noises, lightweight 3M™ X-Series Ear Muffs are the perfect match. With a designed spacer, specially formulated foam liners, and innovative ear cushions, our science can help you to improve attenuation.



3M™ PELTOR™ Electronic Earplug, EEP-100

Simultaneously helps protect your hearing while improving situational awareness. Designed to perform even in the most challenging environments, this kit includes a protective charging case and an assortment of ear tips to find your perfect fit.

Eye Protection



3M™ SecureFit™ Protective Eyewear 100 Series

A sleek, sporty lens shape coupled with a patented temple design that self-adjusts to different head sizes to provide a comfortable fit for an extended period of time.



3M™ SecureFit™ Protective Eyewear 500 Series

A contemporary lens design coupled with adjustable ratcheting temples and Pressure Diffusion Temple (PDT) technology. It offers self-adjusting coloured temples, a variety of lens tints and models with Scotchgard™ Protector Anti-fog coating.

Disposable Respirators



The 3M™ Particulate Welding Respirator 8515

Features an N95 filter that helps provide respiratory protection for applications where metal fumes may be present. This respirator features a 3M™ Cool Flow™ Valve, braided headband, and adjustable M-noseclip for added comfort.



The 3M™ Particulate Respirator 8212, N95

A disposable particulate respirator that is designed to help provide reliable respiratory protection for applications such as welding or soldering where metal fumes may be present.

Reusable Respirators



3M™ Ultimate FX Full Facepiece Respirator FF-400 Series

Engineered for maximum comfort, durability and visibility, the 3M™ Ultimate FX Full Facepiece Reusable Respirator FF-400 is the only respirator with Scotchgard™ Protector. This respirator features soft yet durable silicone material and a large lens for superior peripheral vision.



3M™ Half Facepiece Respirator 7500 Series

This series uses advanced silicone material to help provide comfortable and durable respiratory protection. The 3M™ Cool Flow™ Valve helps make breathing easier and can reduce heat and moisture build-up for cool, dry comfort.



3M™ Secure Click™ Half Facepiece Reusable Respirator Platform

Designed with intuitive features, helps protect workers from particulates and a wide variety of gases and vapours when used with approved 3M™ Secure Click™ Filters and Cartridges.

- Hear it. 3M™ Secure Click™ connection helps provide confidence that filters/cartridges are installed properly. Simply align the connections and push into place.
- Check it. Help increase worker confidence that the respirator is being worn properly with the easy, one-touch user seal check.
- Feel it. Experience the greater breathability and comfort provided by the world's first quad-flow gas and vapour filter/combination filter system.
- Say it. Speaking diaphragm — designed to help provide easier communication while working.



Powered Air Respirators



3M™ Versaflo™ Heavy Industry Powered Air Purifying Respirator, TR-600

The TR-600 reaches new heights of performance with a lithium-ion battery, adjustable airflow options, and an expanded range of NIOSH-approved filters and cartridges to help protect against gas/vapours and particulates. Designed for heavy use and long wear, the TR-600 features a user-friendly design with intuitive visual, vibratory, and audible indicators.



3M™ Versaflo™ M-Series Helmet Assembly with 3M™ Speedglas™ Welding Shield

The M-series head top is compatible with a number of 3M's most innovative respiratory and welding protection solutions — including our Adflo and Versaflo TR-600, GVP Powered Air Purifying Respirators, and Supplied Air Systems.



3M™ Speedglas™ Heavy Duty Welding Helmet G5-01

Developed with extensive input from welders working at high amperages who need to grind frequently, the 3M™ Speedglas™ Heavy-Duty Welding Helmet G5-01 is adaptable to your unique needs and working environment.

- Advanced Auto-Darkening Filter technologies providing natural colour and variable dark state colours
- Adjustable airflow to control your comfort
- Optional task light specifically designed for welding
- Our lightest Assigned Protection Factor (APF) 1000 helmet ever



3M™ Adflo™ Powered Air Purifying Respirator (PAPR) Assembly

Designed to be used with certain 3M™ Headgear to form a complete NIOSH approved respiratory system. When used in accordance with its NIOSH approval, 3M™ Adflo™ PAPR Assemblies can help provide respiratory protection against certain particulates, organic vapours, and acid gases.



3M™ Speedglas™ Welding Helmet 9100MP

Multiple protection features. We've seamlessly integrated five levels of welder protection: head, eye, face, respiratory, and hearing into one extraordinarily comfortable and easy-to-use system. The 3M™ Speedglas™ Welding Helmet 9100MP: uncompromising, all-in-one, welding protection for highly demanding environments.

Welding Protection



3M™ Speedglas™ Auto Darkening Filter 9100XXi

For use with the 9100MP and the M-Series with weld shield, this filter offers a large viewing area but thanks to improved optics (compared to our previous generation helmets), it allows you to easily recognize colours. This may help you focus on your welding set-up, welding technique, precision grinding, and inspection of just completed welds.



3M™ Speedglas™ Welding Helmet G5-02

This helmet is the culmination of advanced electronics and intuitive features. Featuring a ground-breaking new design, it's equipped with a revolutionary curved auto-darkening filter with four arc sensors that function at even very low TIG settings.



3M™ Speedglas™ Welding Helmet 9002NC

This welding helmet is designed for dependable protection. Featuring advanced auto-darkening optics, this welding helmet's filter adjusts to your working conditions to offer you a lighter, brighter and more detailed view of your welds. The helmet's ergonomically designed suspension offers a comfortable fit with a ratchet attachment for easy adjustment, and its lightweight, slim profile means less construction in tight spaces.

Head and Face Protection



3M™ Hard Hats H-700 Series

Low-profile, short brim design for balance, stability, and upward visibility.



3M™ Hard Hats H-800 Series

Comfortable suspension sits lower on head to reduce pressure points and increase security, especially when looking up and bending down.



Industrial and Safety Markets Centre
3M Canada
P.O. Box 5757
London, ON N6A 4T1
1-800-267-4414
3M.ca

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1-800-661-2400
info@tenaquip.com
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