Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

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Email & Skype: info@chipsmall.com Web: www.chipsmall.com
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Sustainable
Innovation

3M

A letter from the Chairman, President and Chief Executive Officer

Long before the concept of sustainability ever had a name, 3M served as a leader among its peers for reducing its impact on the environment while conserving resources. 3M learned a few things over the last 30 years and now offers this catalog of products developed from 3M innovation to help customers achieve sustainability goals -- whether they are saving energy, reducing greenhouse gas emissions, or purchasing products that are made with fewer solvents, 3M has a solution.

Sustainability is the responsibility of everyone. Together with customers, 3M hopes to continue to meet today's needs while allowing the next generation to meet its needs.

Sincerely,

George W. Buckley,
Chairman, President and CEO

EHS Management

3M's Environmental, Health and Safety (EHS) Management System promotes sound environmental management at our facilities worldwide. It helps us address changing customer needs and expectations as we continue to drive sustainable growth. The EHS Management System:

- Includes an integrated, holistic system that anticipates and addresses long-term issues and drives continuous improvement.
- Promotes a strategic planning process that integrates EHS issues into business unit strategic plans.
- Requires each business unit to identity EHS issues, develop formal action plans, set goals and measure results.

Reducing Our Environmental Footprint

Continuous improvement is a vital component of the company's environmental performance. 3M believes in setting aggressive corporate environmental goals and we've been articulating our environmental objectives since the early 1990s. In 2005, 3M set a new group of goals for the period of 2005 to 2010. These are stretch goals that are built on 3M's reductions achieved through 2005. The current goals, which are indexed to net sales, are as follows:

- Reduce Volatile Air Emissions by 25%.
- Improve Energy Efficiency by 20%.
- Reduce Waste by 20%.
- Complete 800 3P Projects (not indexed to net sales).

Addressing Climate Change

3M understands that energy efficiency is a critical element in managing climate change. These efforts date back to 1973, when the Energy Management Department was first formed. Today, 3M has an aggressive energy and greenhouse gas (GHG) management strategy which includes developing a 3rd-party certified GHG inventory; continuously improving GHG accounting systems; setting voluntary GHG emissions reduction goals; reducing the company's GHG footprint through energy efficiency, renewable energy, and controls; and

developing a range of products that help 3M's customers reduce their energy use and GHG emissions.

- GHG emissions reduction goal of 50% (from a 1990 base year).
- Achieved a 54% reduction from 1990 – 2006.

Ethical Operations

Sustaining 3M's future includes acting in a socially responsible way toward potential, current and former employees. As an ethical and law-abiding company, 3M complies with government regulations around the world concerning human rights, employees and employment laws and expects ethical behavior from employees in accordance with our global Business Conduct Manual. 3M's conduct goes beyond obligation to include policies that help support a challenging, productive and enjoyable work culture.
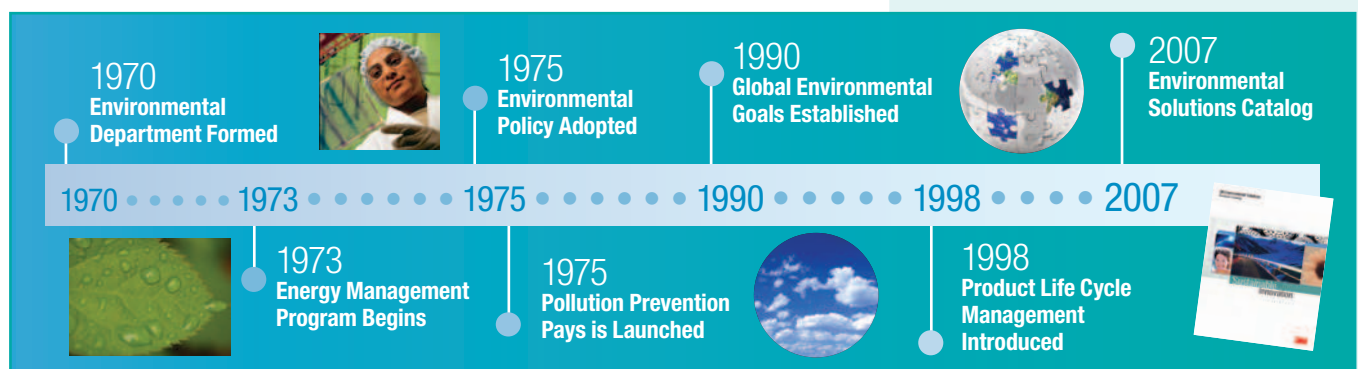
Bringing Greater Opportunity to Employees

The success of 3M over the years has been due, in large part, to the dedication, skill and effort of our employees — all over the world. Our culture always has emphasized integrity and fairness alongside innovation and excellence, and we will continue to help employees develop their diverse talents which:

- Respects the dignity and worth of individuals.
- Encourages the initiative of each employee.
- Challenges individual capabilities.
- Provides equal opportunity.

1990 – 2007 Environmental Progress

- 95% reduction in absolute volatile air emissions.
- 95% reduction in absolute U.S. Toxic Release Inventory (TRI) releases (2006 reporting year).
- 54% reduction in absolute greenhouse gas emissions.
- 57% reduction in solid waste indexed to net sales.

1970 Environmental Department Formed

1975 Environmental Policy Adopted

1990 Global Environmental Goals Established

2007 Environmental Solutions Catalog

1970 • • • • 1973 • • • • 1975 • • • • 1990 • • • • 1998 • • • 2007

1973 Energy Management Program Begins

1975 Pollution Prevention Pays is Launched

1998 Product Life Cycle Management Introduced

3M has a longstanding commitment to sustainable development through environmental protection, social responsibility and economic progress. To us, that means meeting the needs of society today, while respecting the ability of future generations to meet their needs. We recognize that the company's long-term success springs from adopting and implementing the principles of sustainable development: stewardship to the environment, contributions to society, and to the creation of economic value and worth. At the same time, we recognize that only by continuing to be a viable and successful enterprise can we continue to be a positive contributor to sustainable development.

Our Corporate Values

3M's sustainability policies and practices are directly linked to our fundamental corporate values:

- Act with uncompromising honesty and integrity in everything we do.
- Satisfy our customers with innovative technology and superior quality, value and service.
- Provide our investors an attractive return through sustainable, global growth.
- Respect our social and physical environment around the world.
- Value and develop our employees' diverse talents, initiative and leadership.
- Earn the trust and admiration of all those associated with 3M worldwide.

2007 Company Snapshot

- $24.5 billion in Net Sales.
- More than 75,000 employees worldwide.
- 3M employs mostly local nationals. Fewer than 300 3M employees worldwide are Foreign Service Employees not residing in their home countries.
- In the United States, 3M and the 3M Foundation donated more than $42 million through its community giving programs.

Our Sustainability Strategies

3M's strategies for sustainability encompass the pursuit of customer satisfaction and commercial success within a framework of environmental, social and economic values.

Meeting society's and 3M's expectations for environmental improvement:

- Promoting sound environmental, health and safety management at our locations worldwide.
- Making pollution prevention pay through the development of new technologies and products.
- Developing products that help our customers address their environmental challenges.

Meeting employee and community needs as a socially responsible company:

- Attracting and retaining a diverse and talented work force.
- Supporting continuous learning and knowledge sharing.
- Supporting communities where we operate.
- Driving 3M's future economic success by satisfying our customers with innovative technology and products and providing our investors an attractive return on their investment.

3M's Environmental Social and Economic Sustainability

Solutions for Our Customers

Product Life Cycle Management

Life Cycle Management is an integral part of 3M's sustainability strategy. Instead of only focusing on the manufacturing process to control environmental, health, safety and energy effects, the spotlight is now on products throughout their entire life cycle, from manufacturing through customer use and disposal. 3M has adopted a Life Cycle Management Policy requiring all business units to conduct LCM reviews for all new products and to conduct LCM reviews on existing products on a prioritized basis. LCM reviews of all existing products must be completed by 2010.

3M Environmental Product Solutions

Reducing our own footprint is just part of the equation. 3M also offers our customers a portfolio of products to help them reduce their impact on the environment. In 2007, 3M launched a new catalog showcasing 3M products designed to address environmental challenges in the following markets: cleaning and maintenance, construction and industrial production, communications, office supplies, transportation, and health care. The Environmental Solutions Catalog can be downloaded at www.3M.com/EnvSolutions.

Engaging Stakeholders

Partnering to Drive Sustainability

3M strives to maintain a continuous and open dialogue with the community, shareholders, employees, retirees and other interested parties about the environmental, social and economic issues related to our operations including past achievements and future sustainability goals. We partner with a variety of organizations to help provide the company with a diverse set of viewpoints on sustainability, a better understanding of the positions of our stakeholders, and a mechanism to learn from the successes and failures of our peers.

Working with Suppliers

3M has a formal process as part of its Sourcing Policy that sets standards for its suppliers in the areas of environmental, health and safety, transportation, and labor and human resources. The standards apply to the selection and retention of all suppliers that provide goods or services to 3M worldwide and establish a framework that 3M considers important to a safe and healthy workplace, to the maintenance of fair and reasonable labor and human resource practices, and to the management of manufacturing and distribution operations to minimize adverse impact to the environment.

Community Giving

Because of 3M's business success, we are able to invest in innovative community programs that help make the future brighter for everyone. Community giving is an important part of 3M's sustainability strategy. 3M's philanthropy combines 3M and 3M Foundation cash gifts, donated products and volunteerism by employees and retirees. Our global Community Giving Program is decentralized with 3M subsidiaries in each country developing and administering a program that is consistent with the local culture, community needs and environment in which we operate.

3M's Key Business Strengths

Every day, 3M people find new ways to make amazing things happen. Wherever they are, whatever they do, the company's customers know they can rely on 3M to help make their lives better.

Strong Technology Base: Virtually anywhere you go, 3M technologies are at work - making life easier and better for people around the world. You'll find 3M technologies and products in homes, offices, hospitals, dental offices, manufacturing facilities, cars, aircraft, traffic signs, LCD displays and countless other places. Drawing on more than 40 technology platforms, 3M employees use their imagination to develop products that transform existing industries and create entirely new ones.

Leading Market Positions: 3M is a world leader in most of its businesses. We've created many markets, frequently by developing products that fulfill unarticulated customer needs.

Healthy Mix of businesses: 3M serves a broad array of markets, providing many avenues for growth and cushioning the company from disruptions in any single market. 3M has a worldwide presence in the following markets: consumer and office; display and graphics; electro and communications; health care; industrial and transportation; and safety, security and protection services.

Well-Known Brands: Representing quality, innovation and reliability, 3M brands earn customer loyalty, encourage repeat purchases and motivate users to try new 3M products.

Worldwide Presence: We have companies in more than 60 countries around the world, and we sell our products in nearly 200 countries. More than half of our sales are outside the United States.

3M

Table Of Contents

3M™ Scotch-Weld™ Structural Void Filling Compound 3550 B/A FST

This is a two part RT cure low density Void Filler designed for honeycomb constructions of aircraft interiors.

Website: www.3m.com/aerospace
Environmental/**Energy Advantage:** Contains a non-halogen based FST system. The new retardant meets flammability, smoke density and toxic gas emission requirements for the air-craft market. It also reduces worker exposure to toxic substances during the product manu-facturing and recycling process.

3M™ Scotch-Weld™ Structural Void Filling Compound 3450 FST

Structural one-part low weight void filler for aircraft interiors. One-part low weight filler com-bining extreme low density with high extrusion rate for manual and automatic applications. Full stand alone FST properties with patented non-halogen based FST system. Low flow for ease of application.

Website: www.3m.com/aerospace
Environmental/**Energy Advantage:** Contains a non-halogen based FST system. The new retardant meets flammability, smoke density and toxic gas emission requirements for the air-craft market. It also reduces worker exposure to toxic substances during the product manu-facturing and recycling process.

3M™ Wheel Weight System TN-2015 and TN-2023

3M™ Wheel Weights are made of an advanced lead-free, corrosion-resistant com-posite material. Unlike traditional metal weights, the 3M material is flexible and can be custom cut to exact weight so wheels are precision balanced for increased per-formance and a better ride. The system minimizes inventory to one or two SKUs for more efficiency, less waste and less floor space. The weights are attached using OEM-approved 3M™ Automotive Attachment Tape, a known and trusted technology that 3M has been providing to the industry for decades.

The 3M Wheel Weight System is available for both aftermarket and OEM use. 3M's *aftermarket* wheel weight system comes as a roll good in a self-dispensing package with a cutting stand and cutting device. 3M also offers a surface prep cleaner and removal tool. The system designed for *OEM* use can be supplied in different formats including level wound rolls that can be used with semi-automated and automated equipment by manufacturing locations.

Website: www.3M.com/wheelweights
Environmental/**Energy Advantage:** The 3M™ Wheel Weight system is designed to have less impact on the environment than traditional lead weights. Clip-on lead weights can loosen over time and fall from a vehicle, leaving harmful lead on our streets and highways. The 3M system replaces lead with a non-lead composite that is tough enough to withstand rigorous durability, weathering, salt spray and adhesion testing to exceed current OEM standards.

3M™ Wheel Weight Starter Kit TN-315

Contains 1 Roll 10.7m x 15mm x 17mm (5#) wheel weights; 1 Universal Cutter; 1 Stand & Box Holder; 1 Bottle, 3.0 oz. Wheel Weight Surface Prep 1000; 1 Removal Tool

Website: www.3M.com/wheelweights
Environmental/**Energy Advantage:** Designed to replace environmentally harmful lead wheel weights

3M™ Wheel Weight Starter Kit TN-323

Contains 1 Roll 20.1m x 23mm x 4mm (5#) wheel weights; 1 Universal Cutter; 1 Stand & Box Holder; 1 Bottle, 3.0 oz., Wheel Weight Surface Prep 1000; 1 Removal Tool

Website: www.3M.com/wheelweights
Environmental/**Energy Advantage:** Designed to replace environmentally harmful lead wheel weights

3M™ Wheel Weight Surface Prep 1000

A self-contained cleaning system with citrus-based solution in a bottle with a Scotch-Brite™ scrubbing applicator tip. Used to remove grease, oil, dirt, brake dust and tape residue to prepare the wheel rim surface for the 3M™ Wheel Weight product.

Website: www.3M.com/wheelweights
Environmental/Energy Advantage: Used to clean wheels before applying 3M™ Wheel Weights which are designed to replace environmentally harmful lead wheel weights. Designed to replace environmentally harmful lead wheel weights

3M™ Universal Fuel System Cleaner 3-Pack

This is the most complete package of fuel system cleaning chemicals available. Contains one each of the following: 3M™ Universal Fuel System Cleaner 08955, 3M™ Fuel System Cleaner Tank Additive 08813, 3M™ Throttle Plate Cleaner 08182. This 3-pack is designed with the professional user in mind, providing the cleaning agents to go through-the-rail and in the tank, while including an aerosol product to clean the throttle plate and air intake on fuel-injected gasoline engines. 3M hardware is required to administer the through-the-rail "purge" product, 08955. Application instructions are vehicle specific. You should refer to the 3M™ Fuel System Cleaning Application Guide available under the Product Selector category in www.3m.com/automotive.

Environmental/Energy Advantage: Helps restore automobile engine performance. Can help improve fuel economy.

3M™ Universal Fuel Injector Cleaner Kit

Hardware for the use of 3M™ Universal Fuel Injection Cleaner, 08956. Contains 3M™ Fuel Injector Cleaner Can Hanger 08837, 3M™ Fuel Injector Cleaner Long Hose 08838 and a 3M™ Gauge/Regulator for Fuel Injector Cleaner Systems 08828.

Environmental/Energy Advantage: Helps restore automobile engine performance. Helps improve fuel economy.

3M™ Universal Fuel Injection Cleaner

Fuel injector cleaner that can help restore injector efficiency, decrease exhaust emissions and improve fuel atomization. [Must be used with 3M™ Universal Fuel Injector Cleaner Kit, 08836.] 3M™ Universal Fuel Injector Cleaner (100 psi Can) is a proprietary blend of high octane fuel and solvents, designed to run the engine during the cleaning procedure while cleaning the injectors as the cleaner passes through them. Developed in the 1980's as a concentrated cleaner formulated to clean fuel injectors on gasoline engines. It is a disposable pressurized can that requires specialized hardware to administer. It is designed to be attached directly to the engine fuel system with appropriate 3M™ adapters and hardware. When connected properly, the engine runs on the contents of the can. For best results, use this product together with 3M™ Fuel Injector Cleaner Tank Additive 08812 and an aerosol can of 3M™ Throttle Plate and Intake Cleaner 08866. Application instructions are vehicle specific. You should refer to the 3M™ Fuel System Cleaning Application Guide, CD-ROM, 08816 for detailed directions. You may also call 3M at 1-877-666-2277 (8:00 am to 4:30 pm CST).

Environmental/Energy Advantage: Helps restore automobile engine performance. Helps improve fuel economy.

3M™ Intake System Cleaner Kit

A complete fuel system cleaner.   Contains 3M™ Intake System Cleaner Aerosol 08958, 3M™ Complete Fuel System Cleaner 08813, and 3M™ Throttle Plate Cleaner 08182.

This is the most complete package of intake system cleaning chemicals available. This 3-pack is designed with the professional user in mind, providing the cleaning agents to go through the upper intake and in the tank, while including an aerosol product to clean the throttle plate and air intake on fuel-injected gasoline engines. The 3M™ Intake System Cleaner 08958 is a unique and proprietary blend of the most effective cleaning chemicals available. This product is easily and effectively applied with the use of the 3M™ Intake System Aerosol Adaptor Kit 08960.

Environmental/Energy Advantage: Helps restore automobile engine performance. Helps improve fuel economy.

3M™ Intake System Aerosol Adaptor Kit

An adaptor kit equipped with an assembled tube attached to a brass quick disconnect fitting (08927) for attachment to the 3M™ Intake System Cleaner 08958. The kit also includes a can hanger (08837) and a complete set of instructions for use.

Environmental/Energy Advantage: Helps restore automobile engine performance. Helps improve fuel economy.

3M™ Max Strength Fuel System Cleaner

A concentrated tank additive that cleans fuel injectors, intake valves, combustion chambers in one tank. For gasoline engines only.

Website: www.3M.com/automotive
Environmental/Energy Advantage: Helps restore automobile engine performance. Helps improve fuel economy.

3M™ Complete Fuel System Cleaner

Tank additive. Designed to clean intake valves and combustion chambers and remove fuel injector deposits during the time it takes to consume one tank of gas. Protects against carbon buildup and engine knock. Helps eliminate stalling, hesitation and poor performance due to dirty fuel system.

Environmental/Energy Advantage: Helps restore automobile engine performance. Helps improve fuel economy.

3M™ Injector Cleaner

Tank additive. Clean fuel injectors and removes deposits during the time it takes to consume one tank of gas. Restores power and fuel economy. Helps eliminate stalling, hesitation and poor performance due to dirty fuel injectors.

Environmental/**Energy Advantage:** Helps restore automobile engine performance. Helps improve fuel economy.

3M™ Do-It-Yourself Fuel System Tune-Up Kit

A three part kit designed for the 'medium' to 'heavy' do-it-yourselfer to perform a professional fuel system cleaning at home. Contains 3M™ DIY Intake System Cleaner (PN08954), 3M™ Throttle Plate and Carb Cleaner (PN08185) and 3M™ Complete Fuel System Cleaner (PN08813).

Environmental/**Energy Advantage:** Helps restore automobile engine performance. Helps improve fuel economy.

3M™ Series 07 & 07HS HVLP Spray Guns

High Volume/Low pressure paint spray guns used with compressed air systems in automotive type basecoat applications. The soft controlled spray pattern makes it ideal for metallics. The Series 07 gun is most frequently sold in the sign, automotive refinish, aerospace and marine applications.

Website: www.3m.com/automotive
Environmental/**Energy Advantage:** > 65% coating transfer efficiency. Atomizes paint at a pressure < 10 psi as measured at the cap of the gun.

3M™ PPS™ Paint Preparation System

An innovative system from 3M which enables painters to mix less paint and drastically reduces the amount of solvent and technician time required for gun cleaning, improving operator efficiency by as much as 15%.

3M™ PPS™ Paint Preparation System is a unique, closed paint system which eliminates the need for traditional mixing cups and paint strainers. Now, paint can be mixed and sprayed out of the same PPS™ liner with a lid and built-in filter. Specifically designed adapters allow painters to use the PPS™ system with virtually any spray gun. A key advantage of this closed system is that it enables a painter's spray gun to function at any angle, even upside down! The liner, lid and built-in filter are all disposable, leaving only the adapter and spray gun to be cleaned. The PPS™ system is therefore a cleaner, faster system, safe from outside contamination and offers considerable time and solvent savings in regards to gun cleaning.

Website: www.3m.com/automotive

Environmental/Energy Advantage: By eliminating the need for mixing cups and filters, the PPS paint preparation system reduces the need for cleaning solvents by as much as 70 percent, and there is also less wasted paint. Less solvent means less hazardous waste and lower volatile organic compound (VOC) emissions, enabling automotive paint shops to maintain cleaner working environments and reduce costs. Recipient of the Society of Automotive Engineers (SAE) International Environmental Excellence in Transportation Award, which recognizes groups that have made strides toward reducing the environmental impact of the transportation industry.

Scotch® Automotive Heavy Duty All Weather Duct Tape 03453NA

Scotch® Automotive Heavy Duty All Weather Duct Tape is perfect for heavy-duty patching, indoor and outdoor repair and general masking of cement and other durable surfaces. This duct tape is designed for indoor and outdoor use. It is strong, water resistant and tears easily.

Toll Free Number: 1-800-364-3577
Website: www.3m.com/duct
Environmental/Energy Advantage: Uses solvent free manufacturing process

3M™ Automotive Masking Tape

Designed for automotive aftermarket masking applications prior to painting; balanced construction features include consistent adhesive coating, adhesive transfer resistance, consistent unwind, and leaves an excellent paint edge. 3M™

Website: www.3m.com/automotive
Environmental/Energy Advantage: Uses solvent free manufacturing process.

3M™ Automotive Performance Masking Tape

A quality automotive masking tape that provides excellent adhesion to a variety of substrates, a sharp paint line, and removes cleanly upon completion of the job.

Website: www.3m.com/automotive
Environmental/Energy Advantage: Environmental and energy advantage of solvent free manufacturing process.

Scotch® Performance Masking Tape 233+

Highly conformable, provides the best adhesive transfer resistance, hugs curves, contours and provides outstanding paint lines. Goes on quickly and easily, sticks at a touch and stays put. Perfectly balanced to give outstanding masking results.

Website: www.3m.com/automotive
Environmental/Energy Advantage: Environmental and energy advantage of solvent free manufacturing process.

3M™ Crystalline Automotive Window Film

Superior in quality, the new 3M™ Crystalline Automotive Window Films are innovative, high-technology films that represent a clear breakthrough in automotive solar protection. Developed in our world-leading laboratories, 3M™ Crystalline Automotive Window Films are produced using multilayer nanotechnology, the same advanced technology used to improve the brightness in flat panel LCD televisions. The metal-free construction of the window film helps reduce the typical problems with dropped cell phone calls and weak signals commonly caused by traditional metallic window films.

Toll Free Number: 1-866-499-8857
Website: www.3m.com/windowfilm
Environmental/Energy Advantage: 3M™ Crystalline Automotive Window Film blocks up to 99.9% of the sun's damaging UV rays which are the single largest cause of fading and sun damage. Additional benefits include an elegant appearance, reduced glare and improved comfort, with up to 59% of the sun's heat that comes through the window being rejected. By reducing heat, you can help save on your energy costs. The Skin Cancer Foundation recommends many 3M Window Film products as effective UV protectants.

3M™ FX-ST Window Films / Standard

This standard line of window films offer a great non-reflective charcoal look at an exceptional value. The FX-ST line of automotive window films comes in a variety of light transmissions, with a 3-year limited warranty. Product tint level must be chosen based on applicable state law.

Toll Free Number: 1-866-499-8857
Website: www.3m.com/windowfilm
Environmental/Energy Advantage: Our films block up to 99% of the sun's damaging UV rays which are the single largest cause of fading and sun damage. Additional benefits include an elegant appearance, reduced glare and improved comfort, with up to 45% of the sun's heat that comes through the window being rejected. By reducing heat, you can help save on your energy costs. The Skin Cancer Foundation recommends many 3M Window Film products as effective UV protectants.

3M™ FX-HP Window Films / High-Performance

This line of window films offers unbeatable solar performance with a great sleek charcoal look. The FX-HP line of automotive window films comes in a variety of light transmissions, with a limited lifetime warranty. Product tint level must be chosen based on applicable state law.

Toll Free Number: 1-866-499-8857
Website: www.3m.com/windowfilm
Environmental/**Energy Advantage:** Our films block up to 99% of the sun's damaging UV rays which are the single largest cause of fading and sun damage. Additional benefits include an elegant appearance, reduced glare and improved comfort, with up to 58% of the sun's heat that comes through the window being rejected. By reducing heat, you can help save on your energy costs. The Skin Cancer Foundation recommends many 3M Window Film products as effective UV protectants.

3M™ Color-Stable Automotive Window Films

3M™ Color-Stable Automotive Window Films are designed for the automotive market and the product tint level must be chosen based on applicable state law. These films provide an excellent combination of heat rejection with low reflectivity and are designed to closely match factory automotive tint. Customer benefits include heat rejection, glare protection and reduction of interior fading without interfering with cell phone or GPS signals. The product is designed to never fade over the product lifetime or turn purple.

Toll Free Number: 1-866-499-8857
Website: www.3m.com/windowfilm
Environmental/**Energy Advantage:** Our films block up to 99% of the sun's damaging UV rays which are the single largest cause of fading and sun damage. Additional benefits include an elegant appearance, reduced glare and improved comfort, with up to 58% of the sun's heat that comes through the window being rejected. By reducing heat, you can help save on your energy costs. The Skin Cancer Foundation recommends many 3M Window Film products as effective UV protectants.

Structured Abrasives Cloth Belts from 3M

The 3-dimensional, micro- and macroreplicated shapes of 3M™ structured abrasives coated on a cloth backing provide an extremely consistent finish as the uniform shapes wear, exposing fresh abrasives which can lead to longer life and sustainable cutting.

Toll Free Number: 1-866-279-1235
Website: www.3m.com/abrasives
Environmental/Energy Advantage: The manufacturing process for structured abrasives such as 3M™ Trizact™ Abrasive Cloth Belts 237AA and 307EA reduces VOC emissions by 97%, CO_2 emissions by 99% and uses 1/10th the energy required to manufacture conventional, non-structured abrasives. In some applications, structured abrasives have been shown to last 3-6 times longer than conventional, non-structured abrasives.

3M™ Purple Clean Sanding Discs with Hookit™ Attachment System

3M™ abrasive sanding discs are the hallmark of sandpaper in the automotive collision repair industry. The precise hole design of Purple Clean Sanding Discs provides improved life and dust extraction. 3M™ abrasive sanding discs are available in the fine to coarse grades. The 3M™ Hookit 3M™ Attachment System is used with the discs.

Website: www.3M.com/abrasive
Website: www.3M.com/automotive
Environmental/Energy Advantage: 3M™ Clean Sanding Discs cut and last up to 33% longer than conventional 5- or 6- hole products. These discs can evacuate dust more than 50% better than conventional 5- or 6- hole products, removing up to 90% of the dust generated from sanding when used with appropriate dust extraction equipment, which translates into up to 50% better waste containment of dust over conventional 5- or 6- hole products.

3M™ Clean Sanding Discs: 216U, 236U, 360L and 735U for Dry Sanding with 3M™ Hookit™ Attachment System

Featuring 3M-patented, precise multi-hole patterns, these discs can evacuate dust better than 5- or 6-hole products - dramatically increasing disc life. Cut isn't compromised as the design achieves an ideal balance between abrasive performance and dust-extraction . The Disc Pad is designed so hole alignment is not required. 3M™ Clean Sanding Discs can improve productivity and are an ideal solution for most dry sanding applications including: gel coat sanding, composite sanding, wood sanding, e-coat sanding, primer sanding and paint prep. The 3M™ Hookit™ Attachment System is used with the discs.

Toll Free Number: 1-866-279-1235
Website: www.3M.com/abrasive
Environmental/Energy Advantage: 3M™ Clean Sanding Discs cut and last up to 33% longer than conventional 5- or 6- hole products. These discs can evacuate dust more than 50% better than conventional 5- or 6- hole products, removing up to 90% of the dust generated from sanding when used with appropriate dust extraction equipment, which translates into up to 50% better waste containment of dust over conventional 5- or 6- hole products.

3M™ Glare Reducing Task Light, TL1000S

Attractive designs fit into any office environment. Polarizing lens technology reduces reflective glare up to 80% on reading materials and work surfaces. Improves eye comfort. Attractive space-saving design. Energy-efficient 27W compact fluorescent. Weighted base. Silver color. Fluorescent bulb contains mercury. Visit www.lamprecycle.org for proper disposal information.

Website: www.3m.com/myworkspace
Environmental/**Energy Advantage:** Energy-efficient 27W fluorescent lamp produces the illumination of a 150W incandescent lamp and lasts up to 10,000 user hours.

3M™ Glare Reducing Task Light, TL1000C

Attractive designs fit into any office environment. Polarizing lens technology reduces reflective glare up to 80% on reading materials and work surfaces. Improves eye comfort. Attractive space-saving design. Energy-efficient 27W compact fluorescent. Weighted base. Charcoal grey. Fluorescent bulb contains mercury. Visit www.lamprecycle.org for proper disposal information.

Website: www.3m.com/myworkspace
Environmental/**Energy Advantage:** Energy-efficient 27W fluorescent lamp produces the illumination of a 150W incandescent lamp and lasts up to 10,000 user hours.

3M™ Notebook Computer Cleaning Cloth

Microfiber texture conveniently removes dust, smudges and fingerprints without scratching. Great for computer screens and keyboards.

Toll Free Number: 1-800-626-8578
Website: www.scotch-brite.com
Environmental/**Energy Advantage:** Cleans most surfaces without chemical cleaners.

3M™ Office Air Cleaner OAC50

Each unit has a sound absorbing cushion to deliver ultra-quiet operation, while the multi-stage cleaning system traps microparticles as small as .01 microns from the air that flows through the filter. The Filtrete™ filter from 3M does not support fungal growth and has no fiberglass that can shed into the air. Innovative technology with low power consumption, needs no periodic maintenance.

Website: www.3m.com/myworkspace
Environmental/**Energy Advantage:** 3M™ Office Air Cleaners use Filtrete™ Filters that have an ionization feature which enhances the performance up to an additional 25%.

3M™ Office Air Cleaner OAC150

Each unit has a sound absorbing cushion to deliver ultra-quiet operation, while the multi-stage cleaning system traps microparticles as small as .01 microns from the air that flows through the filter. The Filtrete™ filter from 3M does not support fungal growth and has no fiberglass that can shed into the air. Innovative technology with low power consumption, needs no periodic maintenance.

Website: www.3m.com/myworkspace
Environmental/Energy Advantage: 3M™ Office Air Cleaners use Filtrete™ Filters that have an ionization feature which enhances the performance up to an additional 25%.

3M™ Office Air Cleaner OAC250

Each unit has a sound absorbing cushion to deliver ultra-quiet operation, while the multi-stage cleaning system traps microparticles as small as .01 microns from the air that flows through the filter. The Filtrete™ filter from 3M does not support fungal growth and has no fiberglass that can shed into the air. Innovative technology with low power consumption, needs no periodic maintenance.

Website: www.3m.com/myworkspace
Environmental/Energy Advantage: 3M™ Office Air Cleaners use Filtrete™ Filters that have an ionization feature which enhances the performance up to an additional 25%.

3M™ Adjustable Keyboard Trays

3M™ Adjustable Keyboard trays come in a wide variety of designs and features to suit your working style as well as your workspace.

Website: www.3m.com/myworkspace
Environmental/Energy Advantage: These products feature 3M™ Precise™ Optical Mousing Surfaces with battery saving designs which extend the battery life of wireless optical mice up to 75%. Our lab testing has shown that these surfaces draw less current and thus offer 75% more battery life. The lab tests were done using mice from the leading manufacturers in the marketplace (Microsoft and Logitech) in conjunction with batteries from the leading battery manufacturers in the U.S. (Energizer, Duracell and Rayovac). Our battery saving mousing surfaces feature the 3M micro-textured technology used to make 3M™ Precise™ Optical Mousing Surfaces.

3M™ Gel Wrist Rest for Keyboard and Mouse

Sleek platform works as beautifully as it looks. Tilt feature helps keep your wrists properly aligned and improves ergonomic posture. Includes soft gel wrist rests and 3M™ Precise™ Optical Mousing Surface. Leatherette surfaces on wrist rests are buttery-soft and easy to keep clean. Gel-filled wristrests with antimicrobial product protection inhibit the growth of microorganisms, such as bacteria, on the product surface, that can cause stains, odors and product degradation.

Website: www.3m.com/myworkspace
Environmental/Energy Advantage: These products feature 3M™ Precise™ Optical Mousing Surfaces with battery saving designs which extend the battery life of wireless optical mice up to 75%. Our lab testing has shown that these surfaces draw less current and thus offer 75% more battery life. The lab tests were done using mice from the leading manufacturers in the marketplace (Microsoft and Logitech) in conjunction with batteries from the leading battery manufacturers in the U.S. (Energizer, Duracell and Rayovac). Our battery saving mousing surfaces feature the 3M micro-textured technology used to make 3M™ Precise™ Optical Mousing Surfaces.

3M™ Keyboard Drawers

3M™ Keyboard Drawers offer a cost effective alternative to Adjustable Keyboard Trays, with both above and below desk solutions as well as height and tilt adjustable models. Each keyboard drawer features a soft 3M™ Gel Wrist Rest and 3M™ Precise™ Optical Mousing Surface.

Website: www.3m.com/myworkspace
Environmental/**Energy Advantage:** These products feature 3M™ Precise™ Optical Mousing Surfaces with battery saving designs which extend the battery life of wireless optical mice up to 75%. Our lab testing has shown that these surfaces draw less current and thus offer 75% more battery life. The lab tests were done using mice from the leading manufacturers in the marketplace (Microsoft and Logitech) in conjunction with batteries from the leading battery manufacturers in the U.S. (Energizer, Duracell and Rayovac). Our battery saving mousing surfaces feature the 3M micro-textured technology used to make 3M™ Precise™ Optical Mousing Surfaces.

3M™ Precise™ Optical Mousing Surface

Great for wireless mice. Battery saving design. Patented micro-textured Precise™ Optical Mousing Surface helps your optical or trackball mice work better. Virtually eliminates slippage at faster mouse speeds. Point, click and drag quickly, smoothly and accurately.

Website: www.3m.com/myworkspace
Environmental/**Energy Advantage:** These products feature 3M™ Precise™ Optical Mousing Surfaces with battery saving designs which extend the battery life of wireless optical mice up to 75%. Our lab testing has shown that these surfaces draw less current and thus offer 75% more battery life. The lab tests were done using mice from the leading manufacturers in the marketplace (Microsoft and Logitech) in conjunction with batteries from the leading battery manufacturers in the U.S. (Energizer, Duracell and Rayovac). Our battery saving mousing surfaces feature the 3M micro-textured technology used to make 3M™ Precise™ Optical Mousing Surfaces.

3M™ Desk Drawer Organizer C71

Convenience reaches a new level with this clutter-reducing organizer. It dispenses Post-it® Notes, Post-it® Flags and Scotch® tape, keeping office essentials within easy reach. Keeps the things you use daily conveniently stored away in a drawer where you can easily find them. Expands to fit most drawers.

Website: www.3m.com/myworkspace
Environmental/**Energy Advantage:** This product contains 100% preconsumer recycled content.

3M™ Desk Drawer Organizer C91

Convenience reaches a new level with this clutter-reducing organizer. It dispenses Post-it® Notes, Post-it® Flags and Scotch® tape, keeping office essentials within easy reach.

Website: www.3m.com/myworkspace
Environmental/**Energy Advantage:** This product contains 100% preconsumer recycled content.

3M™ Vikuiti™ Super Close Projector SCP712

3M™ Vikuiti™ Super Close Projector, 30" to 120" image size adjustability; tabletop, ceiling mount or preferred wall mount applications; 2000 lumens; XGA resolution (1024 x 768); 2100:1 contrast ratio; 4:3 aspect ratio w/16:9 supported; VGA, power and USB connectivity with additional input/output and annotation modules available. Perfect solution for class-room existing interactive whiteboards or over dry erase boards.

Toll Free Number: 1-800-328-1371
Website: www.3m.com/meetings
Environmental/**Energy Advantage:** Eco mode settings for brightness (wattage consumption) and high efficiency cooling system with low acoustic dB noise levels. WEEE and RoHS compliant.

3M™ Vikuiti™ Super Close Projector SCP715

3M™ Vikuiti™ Super Close Projector, 30" to 120" image size adjustability; table-top, ceiling mount applications; 2200 lumens; XGA resolution (1024 x 768); 1600:1 contrast ratio; 4:3 aspect ratio with 16:9 supported; 2-2W speakers; front panel input/output connectivity; great solution for the office or the classroom if ceiling mounting is required.

Toll Free Number: 1-800-328-1371
Website: www.3m.com/meetings
Environmental/**Energy Advantage:** Eco mode settings for brightness (wattage consumption) and high efficiency cooling system with low acoustic dB noise lev-els. WEEE and RoHS compliant.

3M™ Digital Projector X20

A True XGA (1024 x 768) LCD projector, lightweight model. Weighing less than 4 lbs., this 2000 lumen, 4:3 aspect ratio projector delivers a crisp image from 30-300 inches-perfect for almost any office, classroom, or small space screen.

Toll Free Number: 1-800-328-1371
Website: www.3m.com/meetings
Environmental/**Energy Advantage:** This product meets EU RoHS Directive 2002/95/EC, as amended by Commission Decision 2005/618/EC on maximum concentration values. "RoHS compliant" means that the prod-uct or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material, unless the substance is in an application that is exempt under RoHS: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers; or (b) 0.01% (by weight) for cadmium. Unless otherwise stated by 3M Company Visual Systems Department in writing, this information represents 3M Company Visual Systems Department's knowledge and belief based on information provided by third party suppli-ers to 3M Company.
 Noise level: Normal 36dB, Whisper 30dB
 Lamp: UHB 220W (Normal Mode), 172W (Whisper Mode)
 Lamp Life: 2000 hours (normal), up to 3000 hours (whisper)

3M™ Digital Projector X64

With its 2600 ANSI lumens crisp video and data image display, the 3M™ Digital Projector X64 is ideal for business, education, multimedia and multi-purpose environments. Advanced features like personalized settings, daytime mode and anti-theft deterrents, make the 3M X64 a great tool for presenting a professional image.

Toll Free Number: 1-800-328-1371
Website: www.3m.com/meetings
Environmental/**Energy Advantage:** This product meets EU RoHS Directive 2002/95/EC, as amended by Commission Decision 2005/618/EC on maximum concentration values. "RoHS compliant" means that the product or part does not contain any of the following substances in excess of the following maximum con-centration values in any homogeneous material, unless the substance is in an application that is exempt under RoHS: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers; or (b) 0.01% (by weight) for cadmium. Unless otherwise stated by 3M Company Visual Systems Department in writing, this information represents 3M Company Visual Systems Department's knowledge and belief based on information provided by third party suppliers to 3M Company.
 Noise level: Normal 36dB, Whisper 30dB
 Lamp: UHB 220W (Normal Mode), 172W (Whisper Mode)
 Lamp Life: 2000 hours (normal), up to 3000 hours (whisper)

3M™ Digital Projector WX20

The 3M Digital Projector WX20 has WXGA 1280 x 800 resolution for today's wide format computers and laptops. High definition video looks great when displayed using the HDMI connections. Compact and light-weight but fully loaded, the 3M WX20 is ideal for boardrooms, classrooms, multi-media and multipurpose environments.

Toll Free Number: 1-800-328-1371
Website: www.3m.com/meetings
Environmental/**Energy Advantage:** This product meets EU RoHS Directive 2002/95/EC, as amended by Commission Decision 2005/618/EC on maximum concentration values. "RoHS compliant" means that the prod-uct or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material, unless the substance is in an application that is exempt under RoHS: (a) 0.1% (by weight) for lead, mercury, hexavalent chromi-um, polybrominated biphenyls or polybrominated diphenyl ethers; or (b) 0.01% (by weight) for cadmium. Unless otherwise stated by 3M Company Visual Systems Department in writing, this information represents 3M Company Visual Systems Department's knowledge and belief based on information provided by third party suppliers to 3M Company.
 Noise level: Normal 36dB, Whisper 30dB
 Lamp: UHB 220W (Normal Mode), 172W (Whisper Mode)
 Lamp Life: 2000 hours (normal), up to 3000 hours (whisper)

Home & Office

3M™ Digital Projector X64w

With its 2600 ANSI lumens crisp video and data image display, the 3M™ Digital Projector X64w is ideal for business, education, multimedia and multi-purpose environments. Advanced features like wireless capability, personalized settings, daytime mode and anti-theft deterrents, make the 3M X64w a great tool for presenting a professional image.

Toll Free Number: 1-800-328-1371
Website: www.3m.com/meetings
Environmental/**Energy Advantage:** This product meets EU RoHS Directive 2002/95/EC, as amended by Commission Decision 2005/618/EC on maximum concentration values. "RoHS compliant" means that the product or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material, unless the substance is in an application that is exempt under RoHS: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers; or (b) 0.01% (by weight) for cadmium. Unless otherwise stated by 3M Company Visual Systems Department in writing, this information represents 3M Company Visual Systems Department's knowledge and belief based on information provided by third party suppliers to 3M Company.
 Noise level: Normal 36dB, Whisper 30dB
 Lamp: UHB 220W (Normal Mode), 172W (Whisper Mode)
 Lamp Life: 2000 hours (normal), up to 3000 hours (whisper)

3M™ Digital Projector X66

The 3M Digital Projector X66, with its 3000 lumens and crisp data and video image display is ideal projector for larger classroom, conference rooms, executive boardrooms, hotel meeting and ballrooms, or even small auditorium-designed rooms. The native 4:3 aspect ratio delivers data in a clear XGA, 1024 x 768 resolution. 16:9 format is available for popular DVD formats. One of the top features is an Automatic Vertical Digital Keystone Adjustment. Comes with full connectivity.

Toll Free Number: 1-800-328-1371
Website: www.3m.com/meetings
Environmental/**Energy Advantage:** This product meets EU RoHS Directive 2002/95/EC, as amended by Commission Decision 2005/618/EC on maximum concentration values. "RoHS compliant" means that the product or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material, unless the substance is in an application that is exempt under RoHS: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers; or (b) 0.01% (by weight) for cadmium. Unless otherwise stated by 3M Company Visual Systems Department in writing, this information represents 3M Company Visual Systems Department's knowledge and belief based on information provided by third party suppliers to 3M Company.
 Noise level: Normal 36dB, Whisper 30dB
 Lamp: UHB 220W (Normal Mode), 172W (Whisper Mode)
 Lamp Life: 2000 hours (normal), up to 3000 hours (whisper)

3M™ Digital Projector DX70

The 3M DX70 offers 3800 lumen video and data display, ideal for larger conference or training rooms, boardrooms, ballrooms or virtually any multi-purpose environment that requires crisp, clear multi-media display. It utilizes the XGA DrakChip3™ DLP® Technology from Texas Instruments.

Toll Free Number: 1-800-328-1371
Website: www.3m.com/meetings
Environmental/Energy Advantage: This product meets EU RoHS Directive 2002/95/EC, as amended by Commission Decision 2005/618/EC on maximum concentration values. "RoHS compliant" means that the product or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material, unless the substance is in an application that is exempt under RoHS: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers; or (b) 0.01% (by weight) for cadmium. Unless otherwise stated by 3M Company Visual Systems Department in writing, this information represents 3M Company Visual Systems Department's knowledge and belief based on information provided by third party suppliers to 3M Company.
 Noise level: Normal 36dB, Whisper 30dB
 Lamp: UHB 220W (Normal Mode), 172W (Whisper Mode)
 Lamp Life: 2000 hours (normal), up to 3000 hours (whisper)
 Power Consumption: 385W (Normal Mode), 320W (Whisper Mode)

3M™ Digital Projector X76

Ideal for larger conference rooms, boardrooms, training rooms and classrooms the 3M Digital Projector X76 delivers impressive brightness with its powerful 3500 lumens and crisp video and data image display for multimedia and multi-purpose environments. Advanced features like automatic vertical keystone adjustment and personalized settings make the 3M X76 a great tool for presenting a professional image.

Toll Free Number: 1-800-328-1371
Website: www.3m.com/meetings
Environmental/Energy Advantage: This product meets EU RoHS Directive 2002/95/EC, as amended by Commission Decision 2005/618/EC on maximum concentration values. "RoHS compliant" means that the product or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material, unless the substance is in an application that is exempt under RoHS: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers; or (b) 0.01% (by weight) for cadmium. Unless otherwise stated by 3M Company Visual Systems Department in writing, this information represents 3M Company Visual Systems Department's knowledge and belief based on information provided by third party suppliers to 3M Company.
 Lamp: UHB 230W (Normal Mode), 170W (Whisper Mode)
 Lamp Life: 2000 hours (normal), up to 3000 hours (whisper)