

Reducing our Carbon Footprint

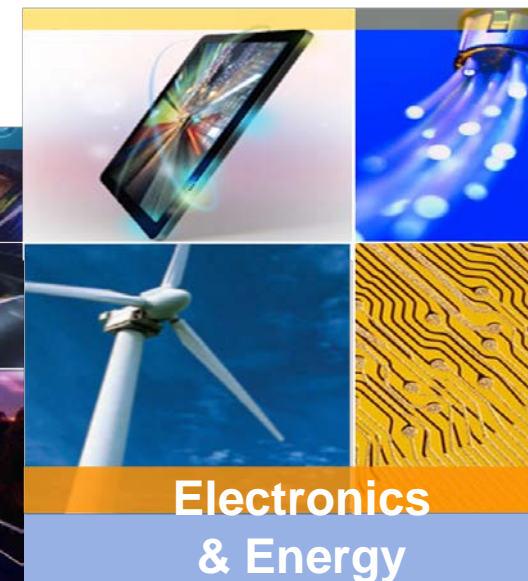


3M Company Profile

- Founded in 1902
- Headquarters: St. Paul, MN, USA
- 2013 Information
 - Sales: \$31 billion
 - R&D and Related Expenditures: \$1.72 billion
 - Employees: 88,000
- 3M is one of 30 companies in the Dow Jones Industrial Average



Five Leading Businesses Groups



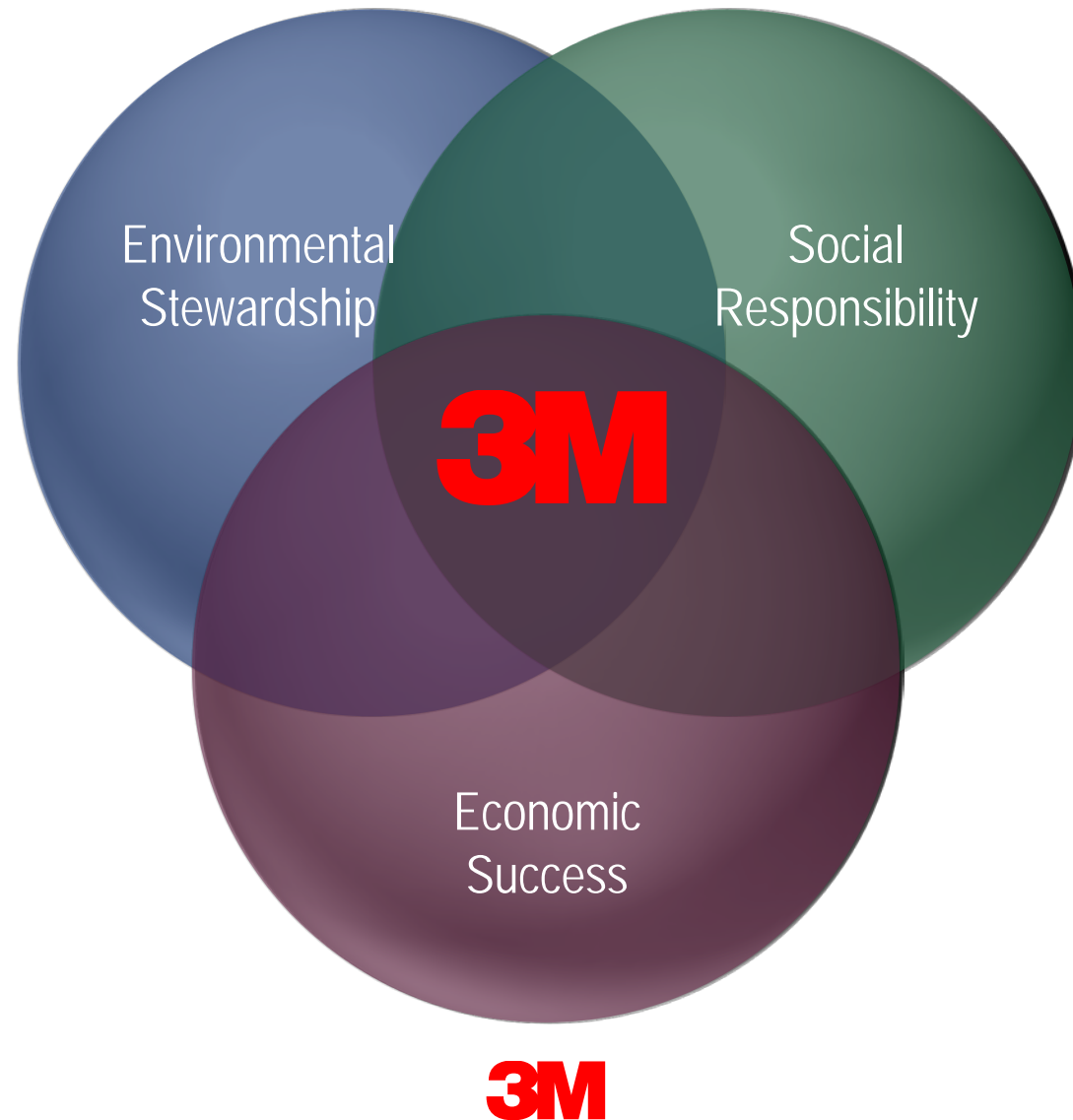
Providing more than 60,000 different products

45 Core Technology Platforms

| | | | | | | | | | |
|-----------------------------------|---|--|---|--|--------------------------------------|--|--|---|-------------------------------------|
| <u>Ab</u> Abrasives | <u>Bi</u> Biotech | | | | | | | <u>Pm</u> Polymer Melt Processing | <u>Sm</u> Specialty Materials |
| <u>Ac</u> Acoustics | <u>Ce</u> Ceramics | <u>Em</u> Electronic Materials | | | | | <u>Nt</u> Nano-technology | <u>Po</u> Porous Materials & Membranes | <u>Su</u> Surface Modification |
| <u>Ad</u> Adhesives | <u>Dd</u> Drug Delivery | <u>Fc</u> Flexible Converting & Packaging | | | | <u>Mi</u> Microbial Detection & Control | <u>Nw</u> Nonwoven Materials | <u>Pp</u> Precision Processing | <u>Tt</u> Track and Trace |
| <u>Am</u> Advanced Materials | <u>Di</u> Display | <u>Fe</u> Flexible Electronics | <u>Fs</u> Filtration, Separation, Purification | <u>Is</u> Integrated Systems & Design | <u>Me</u> Metal Matrix Composites | <u>Mo</u> Molding | <u>Op</u> Opto-electronics | <u>Pr</u> Process Design & Control | <u>Vp</u> Vapor Processing |
| <u>An</u> Analytical | <u>Do</u> Dental & Orthodontic Materials | <u>Fi</u> Films | <u>Im</u> Imaging | <u>Lm</u> Light Mgmt | <u>Mf</u> Mechanical Fasteners | <u>Mr</u> Micro-replication | <u>Pd</u> Particle & Dispersion Processing | <u>Rp</u> Radiation Processing | <u>We</u> Accelerated Weathering |
| <u>As</u> Application Software | <u>Ec</u> Energy Components | <u>Fl</u> Fluoro-materials | <u>In</u> Inspection & Measurement | <u>Md</u> Medical Data Mgmt | | | <u>Pe</u> Predictive Engineering & Modeling | <u>Se</u> Sensors | <u>Wo</u> Wound Mgmt |

Successful New Product Growth Builds On Uncommon Connections

Sustainability at 3M






Our Vision

3M Technology Advancing Every Company

3M Products Enhancing Every Home

3M Innovation Improving Every Life



A high-angle, wide shot of a very crowded street in a developing city. The street is filled with a dense mass of people walking. In the foreground, two white buses with yellow accents are visible, one on the left and one on the right. Numerous rickshaws, some with yellow canopies, are interspersed among the pedestrians. The background shows more people and some buildings under a clear sky. A semi-transparent white box with rounded corners is overlaid on the right side of the image, containing text.

Between now and **2050** the global population is expected to increase from 6.9 billion to more than **9 billion**, with **98%** of this growth happening in **cities** and in the **developing** and emerging world.

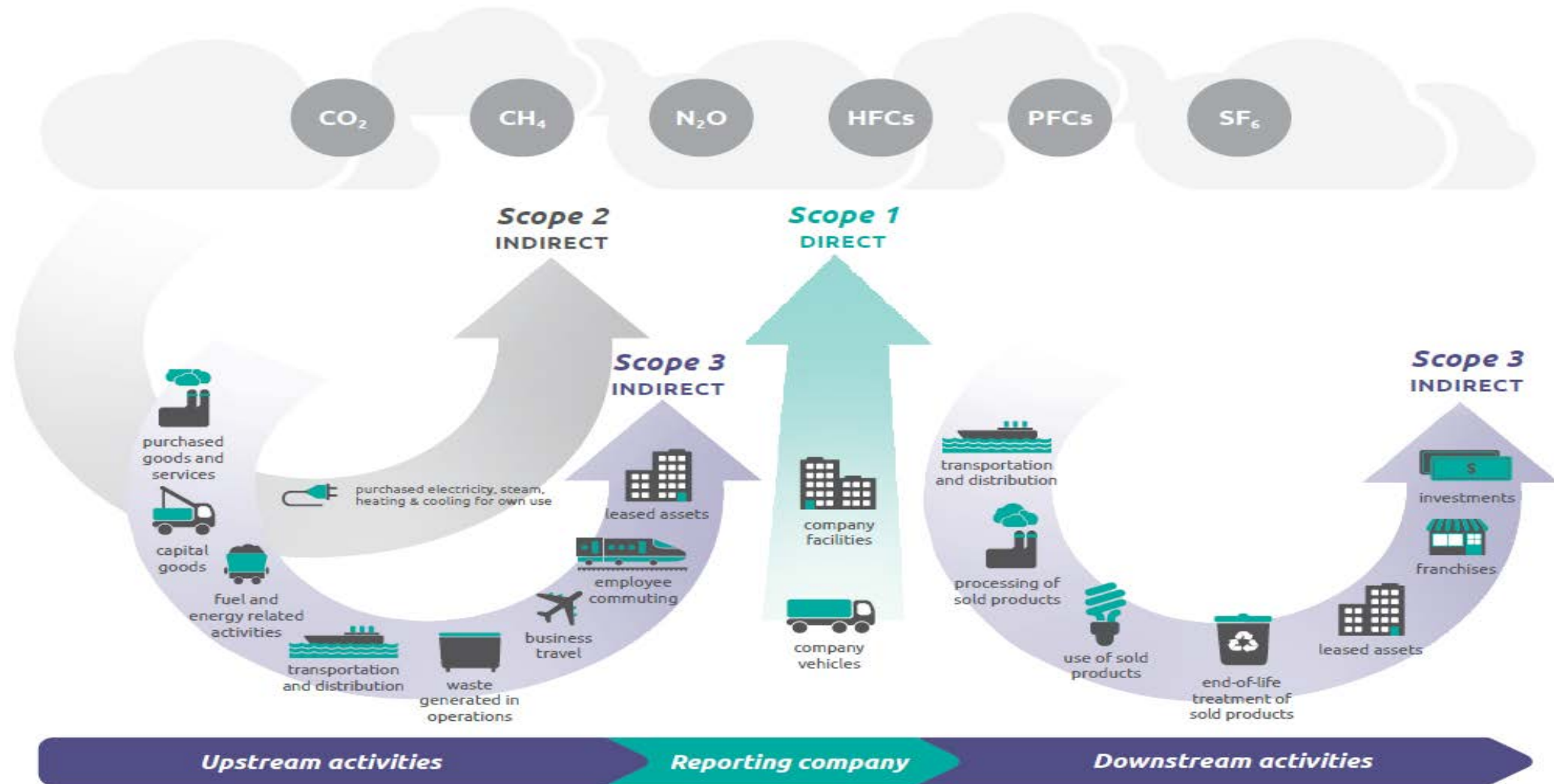
Population growth presents Sustainability challenges ...



3M's Technology & Innovation Can Help Solve these Challenges



GHG Protocol Scopes Across the Value Chain



Greenhouse Gas (GHG) Management Strategy

Voluntary Action to Reduce GHG Emissions (Scope 1 & 2)

- Reduce energy consumption
- Improve manufacturing processes
- Install emission controls

3M has determined our major sources of GHG emissions and has implemented a reduction strategy



Reducing our Carbon Footprint – Scope 1 & 2

- **Global GHG Target:** 50% reduction in absolute GHG emissions globally (from a 1990 base year to 2006)
 - **RESULT: 55% reduction in 2006**
- **U.S. EPA Climate Leaders Goal:** 30% reduction in absolute GHG emissions in the U.S. (from a 2002 baseline to 2007)
 - **RESULT: 50% reduction in 2006**
- **Global GHG Target:** 5% reduction in GHG emissions indexed to net sales (from a 2006 baseline to 2011)
 - **RESULT: 55% reduction in 2011**



Energy Reduction Projects

- Completed 308 projects in 2013
 - U.S. – 157 energy projects
 - International – 151 energy projects
- Delivered \$16 million in savings
 - U.S. - \$6 million in savings
 - International - \$10 million in savings
- Energy use was reduced 29% from 2005 - 2013 at 3M manufacturing sites worldwide
- Corporate Effort to Increase Use of Renewable Energy
 - Passive Solar Wall in Perth, Canada facility
 - 3M Italy Headquarters with Solar PV and Geothermal

Founding Partner –
EPA Green Power Partnership



Addressing Our Environmental Footprint

Waste

67%
reduction

in waste indexed to net sales (1990–2012)

Reduce waste *indexed to net sales* **10%** (2010–2015)

■ On plan



Greenhouse Gas Emissions

72%
reduction

in absolute greenhouse gas emissions (1990–2011)

Reduce greenhouse gas emissions *indexed to net sales* **5%** (2006–2011)

■ On plan



Energy Use

49%
improvement

in energy efficiency (2000–2012)

Improve energy efficiency **15%** (2010–2015)

■ On plan



Volatile Air Emissions

98%
reduction

in volatile organic air emissions indexed to net sales (1990–2012)

Reduce volatile air emissions *indexed to net sales* **15%** (2010–2015)

■ On plan



Water

37%
reduction

in water use indexed to net sales (2005–2012)

Develop water conservation plans *for 3M sites located in areas with scarce or stressed water resources*

■ On plan



List of Scope 3 Categories

Upstream or downstream

Upstream scope 3 emissions

Downstream scope 3 emissions

Scope 3 category

1. Purchased goods and services
2. Capital goods
3. Fuel- and energy-related activities (not included in scope 1 or scope 2)
4. Upstream transportation and distribution
5. Waste generated in operations
6. Business travel
7. Employee commuting
8. Upstream leased assets
9. Downstream transportation and distribution
10. Processing of sold products
11. Use of sold products
12. End-of-life treatment of sold products
13. Downstream leased assets
14. Franchises
15. Investments

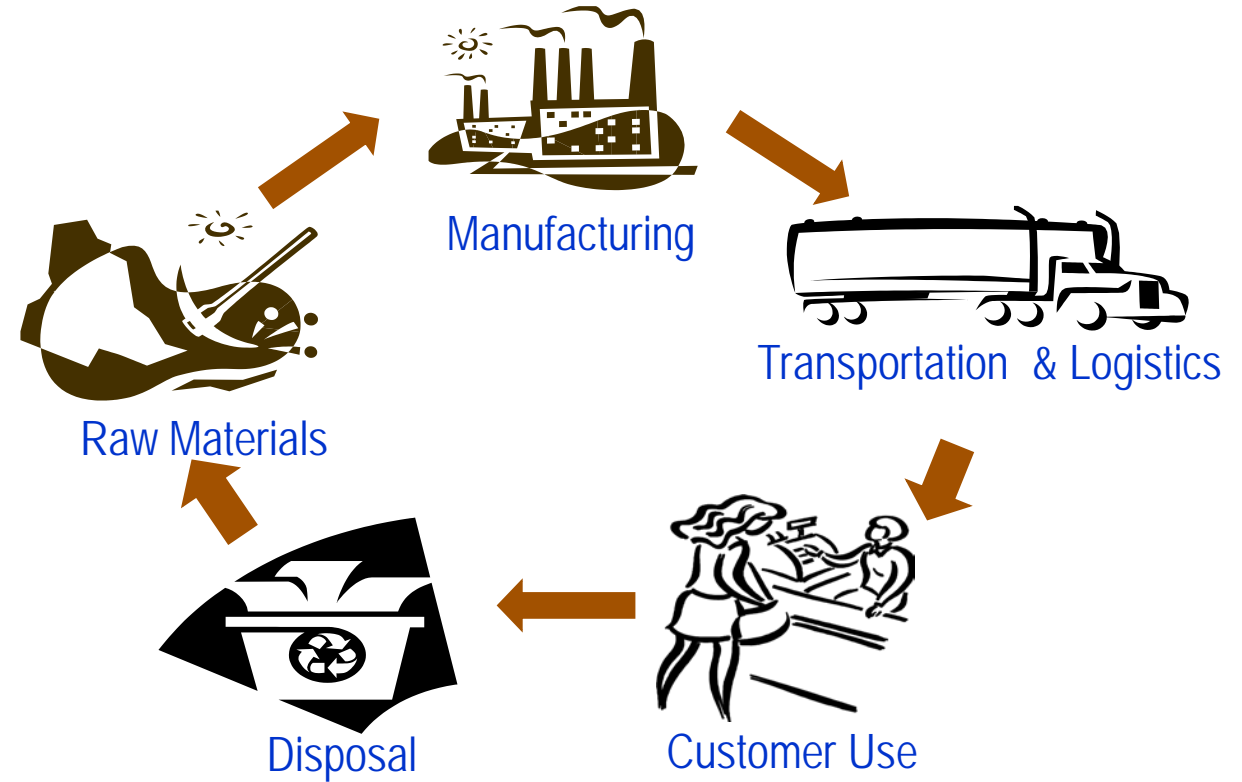
From WRI GHG Protocol Corporate Value Chain (Scope3) Accounting and Reporting Standard



Product Life Cycle Management

3M's Pathway to Product Sustainability

- 3M's Life Cycle Management (LCM) process ensures our products address environmental, health and safety opportunities and risks throughout their life cycle
- LCM is a component of 3M's formal New Product Introduction Process



Life Cycle Management at Work

Novec™ 1230 Fire Protection Fluid

- Next-generation halon alternative
- Superior performance in extinguishing efficiency, safety, and global warming impact
 - Zero ozone depletion potential
 - 5-day atmospheric lifetime
 - A global warming potential of 1 (compared to alternative with GWPs of 1300-12,000)



3M™ Novec™ 1230 has prevented more lbs of CO₂ equivalent emissions than 3M emitted in 2012





Example: 3M™ Window Film

3M™ Sun Control Window Film Amber 35 Low E

High heat reduction. These tinted, reflective films combine high heat reduction with a quick return on investment.

Toll Free Number: 1-866-499-8857

Website: www.3M.com/windowfilm

LEED® Claim:

Use of this product helps contribute to LEED® NC v2.2, EB V2.0- EA Prerequisite 2: Minimum Energy Performance; and LEED® NC v2.2, EB V2.0- EA Credit 1: Optimize Energy Performance.

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. 3M™ Amber Low E Sun Control Window Film rejects up to 75% of the sun's heat that comes through the window. 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.



Technology Drives Growth



And Solves Customer Sustainability Challenges



Saves Energy



Enhanced
Safety & Security



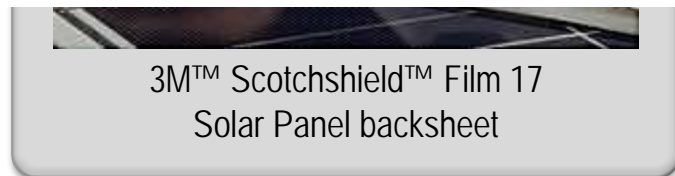
Prevents Disturbance of
Environmentally Sensitive Areas



Reduces Waste



Promotes
Renewable Energy



3M™ Cubitron II™
abrasives



VOC free Manufacturing Process



Saves Energy



Recognition as a Sustainability Leader

- 2005-2013 Energy Star Sustained Excellence Award



for Nine consecutive years

- Interbrand ranked 3M's as #2 on its List of 2011 Best Global Green Brands

| Rankings | Brand Name | Country of Origin | Score |
|----------|-------------------|-------------------|-------|
| 1 | TOYOTA | Japan | 68.28 |
| 2 | 3M | United States | 63.22 |
| 3 | SIEMENS | Germany | 61.09 |
| 4 | Johnson & Johnson | United States | 59.46 |
| 5 | HP | United States | 58.06 |
| 6 | ABB | Germany | 56.06 |
| 7 | ROSCHE | Japan | 55.85 |
| 8 | ABB | United States | 54.85 |
| 9 | CISCO | United States | 51.90 |
| 10 | Procter & Gamble | Japan | 51.22 |
| 11 | ABB | South Korea | 51.06 |
| 12 | ABB | Germany | 50.05 |
| 13 | ABB | United States | 50.40 |

- 3M received one of the first-ever Gigaton Awards in 2010
- 2013 / 2014 Member of the Dow Jones Sustainability Index (Recognized as an index member since its inception in 1999)

MEMBER OF

**Dow Jones
Sustainability Indices**

In Collaboration with RobecoSAM



Questions?



Environmental Solutions for Our Customers

www.3M.com/EnvSolutions

- 3M has hundreds of solutions to help customers
 - Reduce energy, air pollution, and waste;
 - Use more renewable resources;
 - Achieve green building certification;
 - Protect employee health & safety;
 - And more!



Post-it® 100% Recycled
Notes in Cabinet Pack



3M™ PPS™ Paint
Preparation System™



3M™ Mirror Film



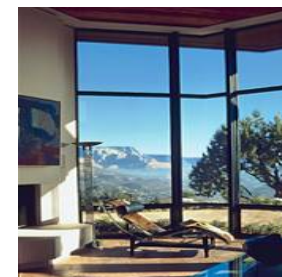
3M™ Adhesives



Nomad™ Matting



3M™ High Efficiency
Filtrete™ Filter



3M™ Window Film

