

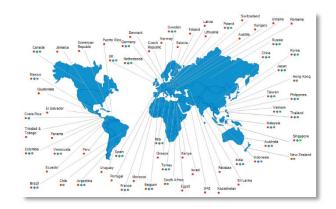
Agenda

- > 3M Who we are?
- **>** 3M Science. Applied to Life™.
- Market Trends in Automotive After Market
- > 3M Innovation to answer Market Trends

Minnesota Mining & Manufacturing







- Established in 1902 in Minnesota, USA
- 100% Public Company with +100B\$ Market Capitalization
- 32B\$ Sales Revenue, 65% from international operation
- Operation in +70 Countries & R&D Lab in 36 Countries

Our Vision

3M Technology Advancing Every Company 3M Products Enhancing Every Home 3M Innovation Improving Every Life



Enabling Customer Success: Our Five Market-leading Business Groups

Through our five market-leading business groups, we turn our ideas into ingenious products and solutions that make life better for our customers and end-users every day



Consumer
Simplifying life and work



Industrial
From purification to aerospace —
changing how industry works



Electronics & Energy
Enabling the global power and
telecommunications networks and the
world's electronic devices



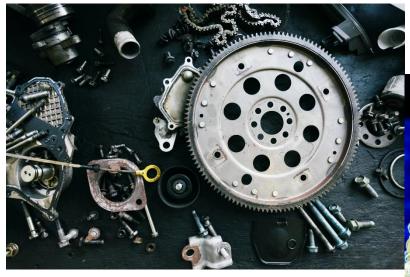
Safety & Graphics
Keeping you safe, your world secure, and enhancing visual communication and interactivity



Health Care
Promoting health and improving quality care



Innovation is at the core of 3M

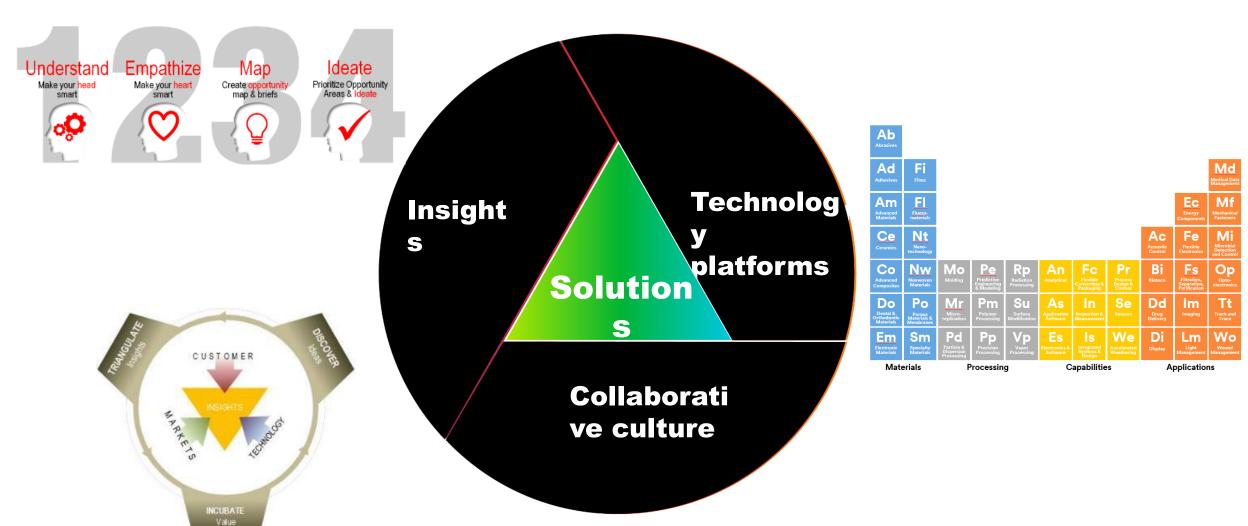








This is how we apply science to create solutions



Customer-inspired innovation

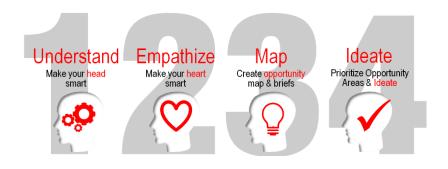
Spec-in businesses – Key account focus





Insights 2 Innovation (i2i)

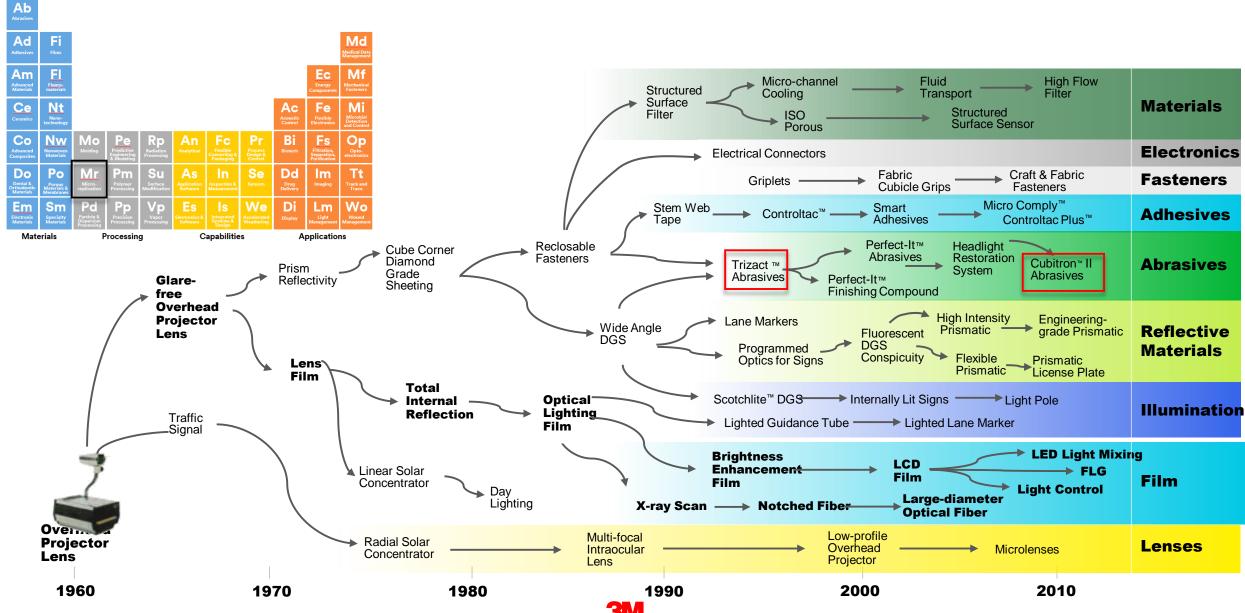
Consumable / Distributor businesses – End-user focus



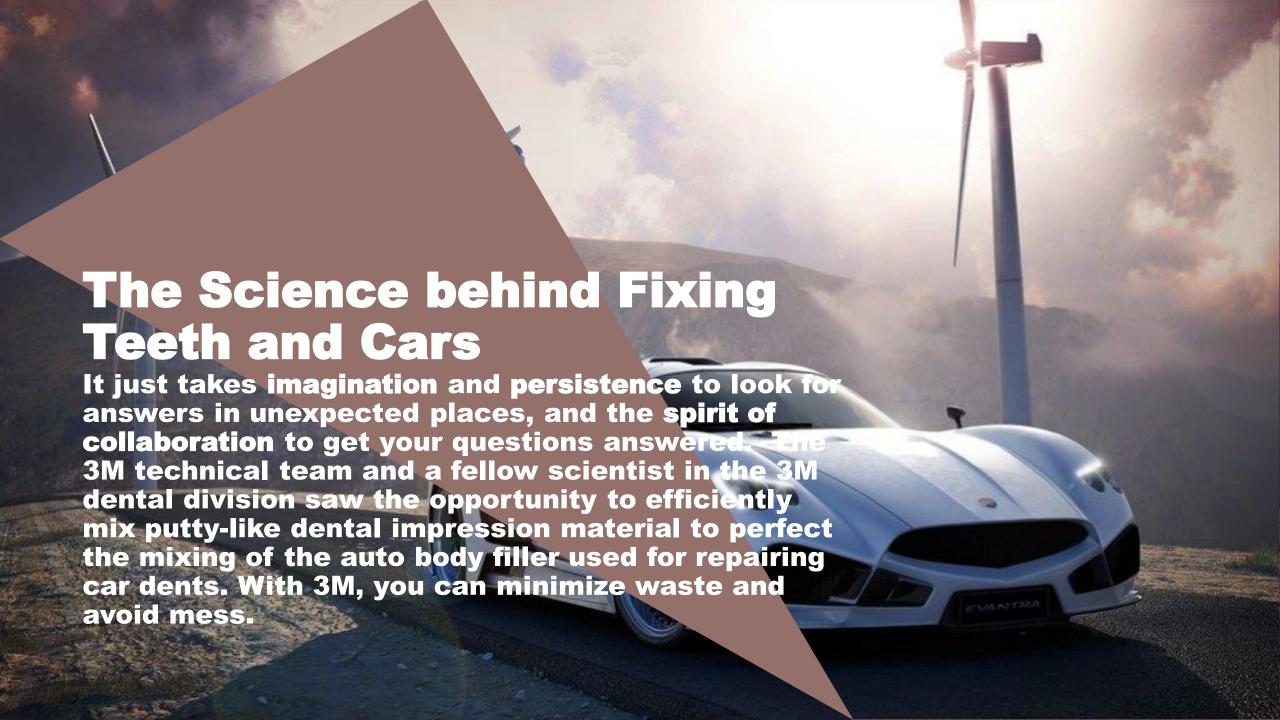
i2i



Migration of Microreplication Technology



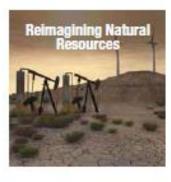
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Market Trends in Automotive After Market as We see











Productivity & Efficiency

Sustainability





Weight Reduction → New Materials

Safety

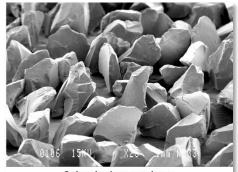




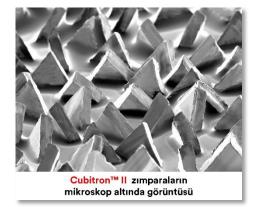


Productivity & Efficiency

- High Speed : New Customers want to wait less than 2 days
- Less material more output : Cost down pressure from customer
- Direct Cost Improvement : Labors cost increase and educated manpower limitations



Geleneksel zımparaların mikroskop altında görüntüsü













Sustainability

- Less Waste & Less / No Chemical Pollution to save the environment
- Less Energy consumption







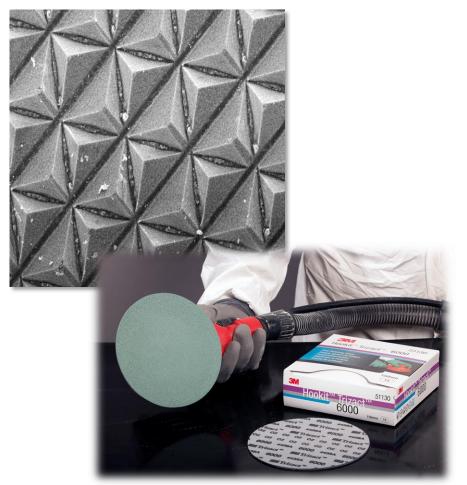


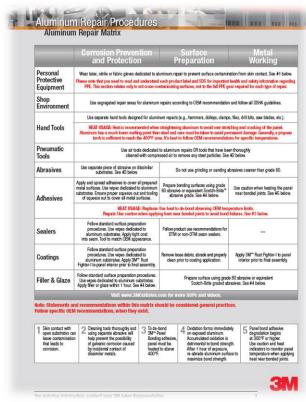




Weight Reduction → New Materials

- New Materials : Aluminum & composites
- New technology Paints & Adhesives : Different repair process needed











Safety

- Comfortable , User Friendly
- High Protection



1st in the market : Gas Filter with Indication







Thank you