

Corporate Overview

August 2011



08/21/2011

Entegris At A Glance

- Market leader in contamination control and microenvironments to the semiconductor and other industries
- Fiscal 2010 Sales of \$688 million
- 2,800 employees worldwide
- Headquartered in Billerica, MA
- Manufacturing facilities in U.S., Japan, and Malaysia
- Sales and service centers in 8 countries
- Publicly traded on NASDAQ
 - Symbol: ENTG

Entegris Milestones




1966	Founded as Fluoroware, Inc.
2000	IPO
2005	Merged with Mykrolis, previously part of Millipore
2007	Acquired the Surmet Semiconductor Coatings Division
2008	Acquired Poco Graphite

The Entegris Mission

Our mission is to improve our customers' productivity, performance, and technology through innovative materials-science enabled solutions



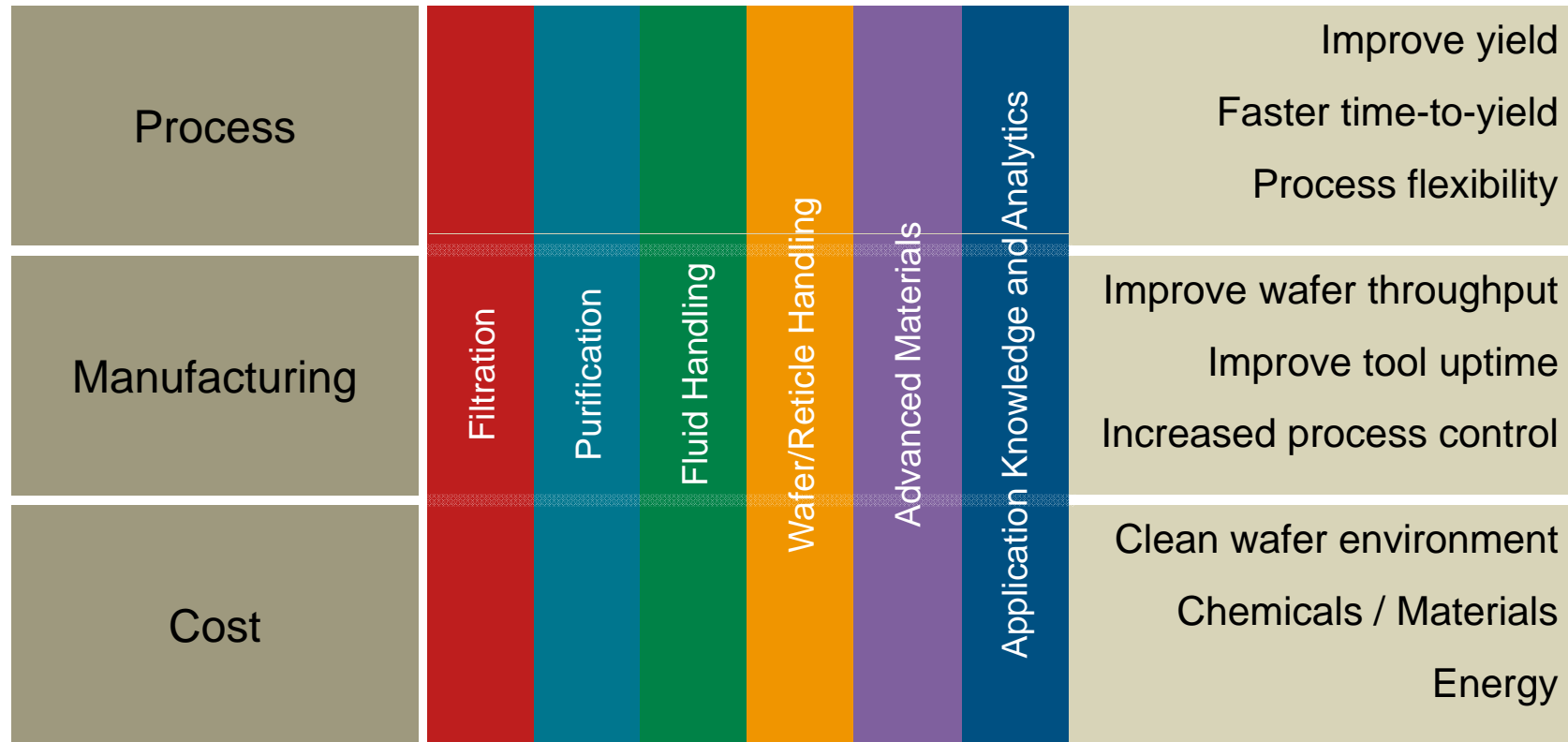
Breadth and Depth of Technology

Contamination Control Solutions	TTM* Sales	Process Application	Technology		Product Platforms	
	\$500M	Lithography, WEC, CMP, Deposition	Application Knowledge and Analytics	Filtration	Liquid filters, Gas filters	
				Purification	Gas purifiers, Purification systems	
				Fluid Handling	Valves, Fittings, Sensors, Dispense	
Microenvironments						
	\$192M	Wafer and Reticle Handling			Wafer/Reticle Handling	FOUPs, Wafer shippers, Wafer carriers, Reticle pods
Specialty Materials						
	\$80M	Ion Implant, Dry Etch		Advanced Materials	Graphite components, E-chucks	

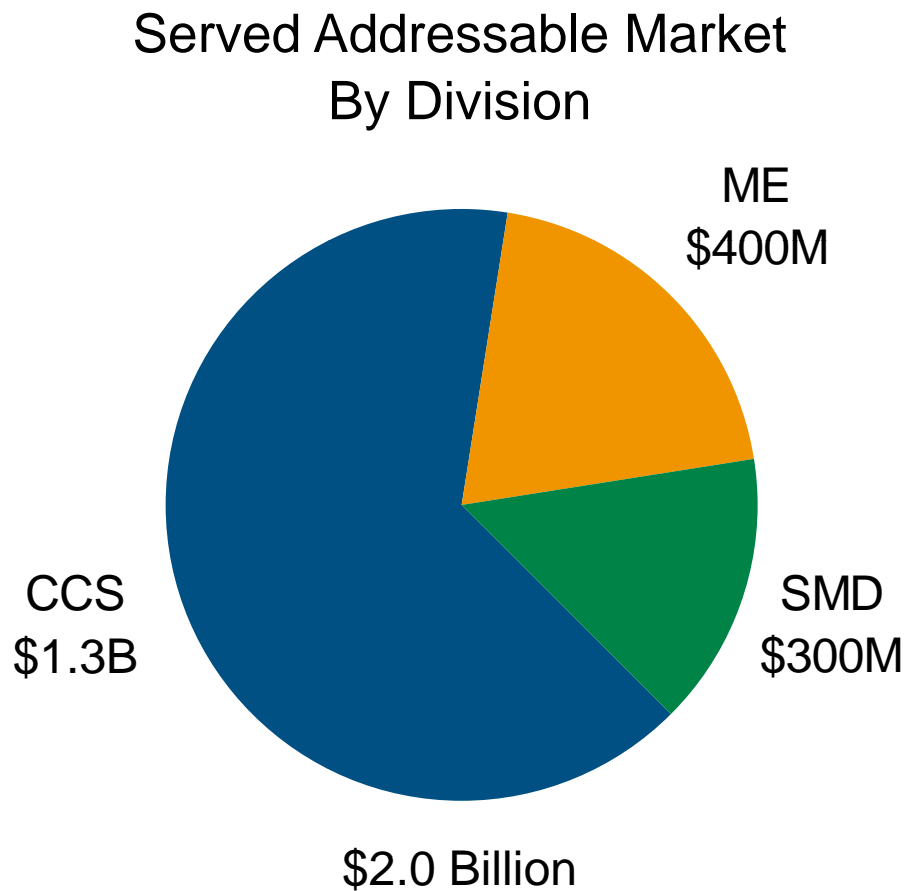
* Trailing twelve months as of June 2011

Addressing The Most Demanding Challenges

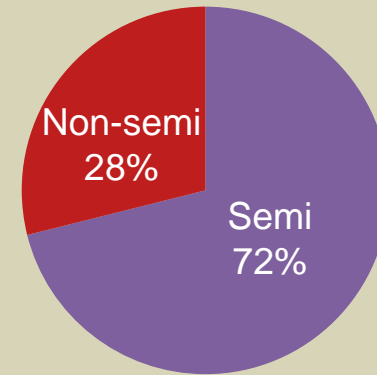
purity and process control



A \$2.0 Billion Global Market in Both Semi and Adjacent Markets



Entegris Sales by Market – FY2010



Global Presence

FY10 Sales by Region



Europe and Israel



Asia and Japan

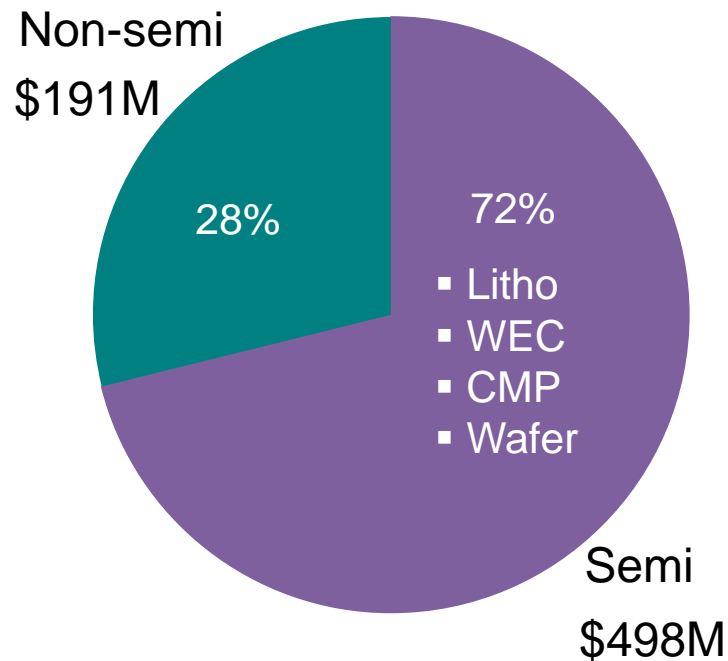


North America

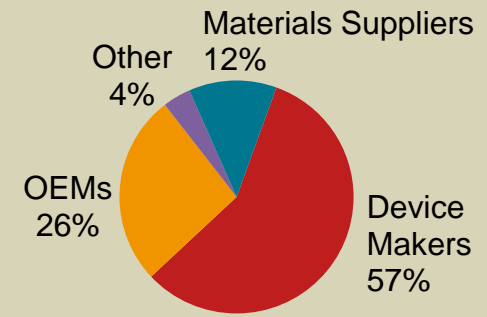
● Sales office
 ● Manufacturing
 ● Service center
 ◆ Lab

Broad Exposure Across the Supply Chain

Entegris Sales by Market **FY2010 Total Sales \$688 Million**



Semiconductor-related sales by key customer type



TTM Sales - Q1 2011

Markets We Serve

Leveraging current Entegris technologies into adjacent markets



Semi-conductor

Compound Semi / LED

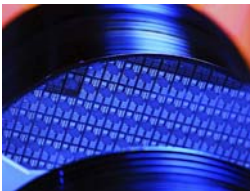
Flat Panel

Data Storage

PV Solar

Energy Storage

Life Sciences



Adjacent markets moving closer in process control and purity requirements



Applying Our Technologies To Growing Industries

Technology Issue

Entegris Solution

Comp Semi/LED

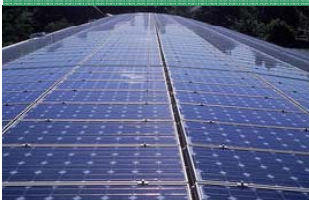


Process gas purity has been shown to increase yields in HBLEDs

Gas purification systems for the MOCVD process



PV Solar

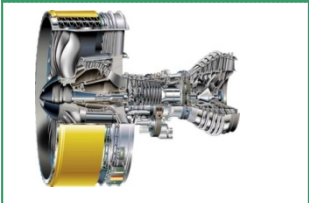


Reducing contaminants in process fluids improves PV cell efficiencies

Gas and liquid filtration combined with ultra-high purity components



Aerospace



High temperatures in jet engines require enhanced material performance

Specialized graphite bushings replace existing materials



Lithium Ion Battery



Reliability and lifetime of lithium ion batteries are impacted by contaminants

Filtration solutions for purifying chemical streams used in LiB manufacturing



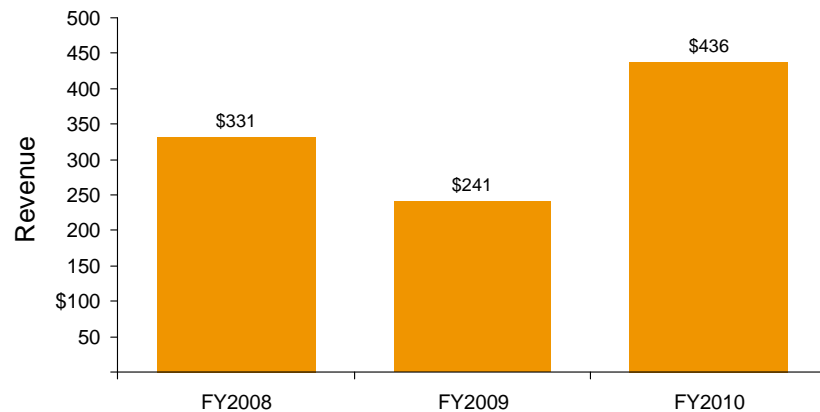
Contamination Control Solutions

Overview

- Comprehensive technologies for purifying, handling and delivering critical fluids
- A leading provider of point-of-use liquid filtration products
 - Wet etch & clean
 - Lithography (track)
 - Chemical mechanical planarization

Financial Highlights – CCS

(\$ mm)



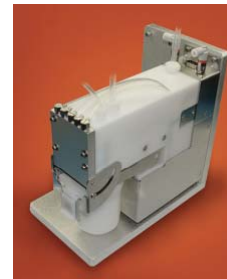
Products



Liquid Filtration



Gas Filtration



Dispense/Pumps



Fluid Handling



Sensing and Control



Containers

What We Do Better Than Our Competitors

- Solving our customers productivity, yield and development challenges
 - Technical resources surrounding our top customers
 - Direct relationships with our strategic and critical accounts
- Only company in our space funding process development work alongside OEMs and fab operators
- Only company with the technologies and products to control contamination from chemical manufacture through to dispense onto the wafer
 - Horizontally integrated across the fab's contamination control needs



Microenvironments

Overview

- Carriers and shippers for handling wafers, reticles and other critical substrates
- Comprehensive product offering

Financial Highlights – Microenvironments (\$ mm)



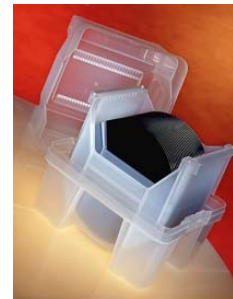
Products



300 mm+ Wafer
Handling



200 mm
Wafer/Reticle



Wafer
Shipping



Data
Storage

Advanced Wafer Handling at 32nm And Below



FOUP with Active
Snorkle Purge



FOUP with Passive
Clarilite® Purification Wafer



FOUP made with Barrier
Materials

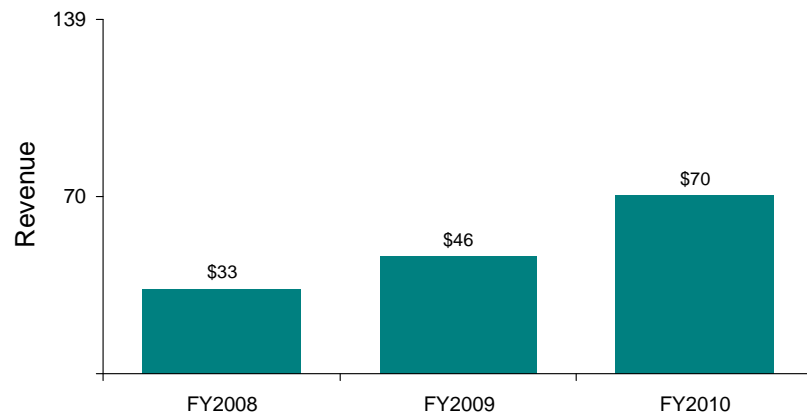
- Emerging need to make the environment within the wafer carrier even more pristine
- Entegris offers options for active and passive purging and new materials to prevent moisture from entering the carrier

Specialty Materials

Overview

- Products include:
 - Graphite and silicon carbide
 - Specialty coatings
- ~60% of revenues are non-semiconductor

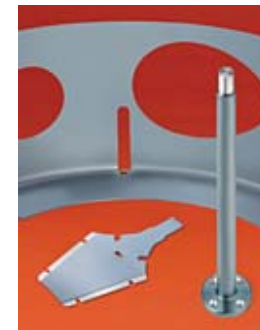
Financial Highlights – Specialty Materials (\$ mm)



Products/Technologies



Premium Graphite and Silicon Carbide



Coatings

Specialty Materials

Providing Key Functional Differentiation

Proprietary SiC process
allows production of
complex geometries



Proprietary graphite production
results in uniform microstructure
**improving performance and
lifetime**



Low temp proprietary
PECVD process yields low
stress **high integrity DLC
and Ultra-pure Si coatings**





creating a material advantage