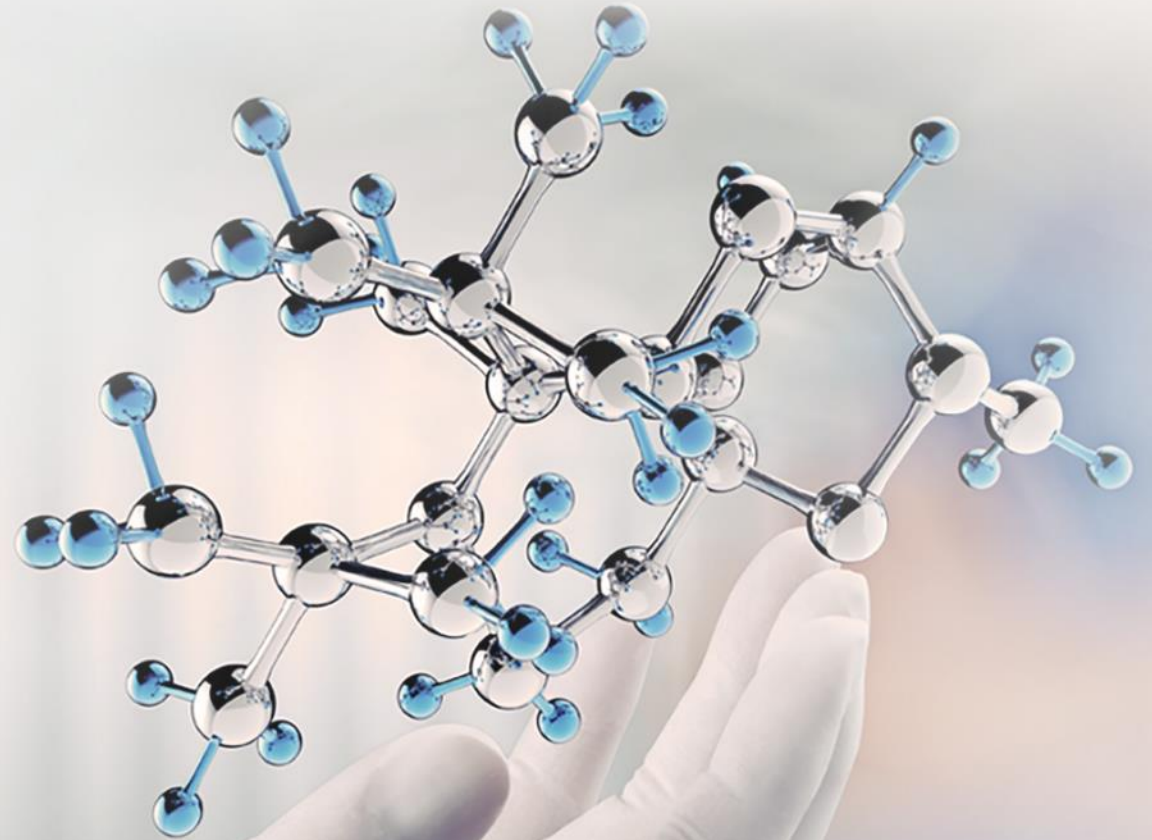


APRIL 27, 2017

Earnings Summary First Quarter 2017



SAFE HARBOR

Certain information contained in this presentation may constitute forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. These forward-looking statements involve substantial risks and uncertainties that could cause actual results to differ materially from the results expressed in, or implied by, these forward-looking statements. Statements that include such words as “anticipate,” “believe,” “estimate,” “expect,” “forecast,” “may,” “will,” “should” or the negative thereof and similar expressions as they relate to Entegris or our management are intended to identify such forward-looking statements. These statements are not guarantees of future performance and involve risks, uncertainties and assumptions that are difficult to predict. These risks include, but are not limited to, fluctuations in the market price of Entegris’ stock, Entegris’ future operating results, other acquisition and investment opportunities available to Entegris, general business and market conditions and other factors. Additional information concerning these and other risk factors may be found in previous financial press releases issued by Entegris and Entegris’ periodic public filings with the Securities and Exchange Commission, including discussions appearing under the headings “Risks Relating to our Business and Industry,” “Risks Related to Our Indebtedness,” “Manufacturing Risks,” “International Risks” and “Risks Related to Owning Our Common Stock” in Item 1A of our Annual Report on Form 10-K for the fiscal year ended December 31, 2016, filed with the Securities and Exchange Commission on February 17, 2017, as well as other matters and important factors disclosed previously and from time to time in the filings of Entegris with the U.S. Securities and Exchange Commission. Except as required under the federal securities laws and the rules and regulations of the Securities and Exchange Commission, we undertake no obligation to update publicly any forward-looking statements contained herein.

1Q17 HIGHLIGHTS

- Achieved record sales of \$317.4 million, up 19% from the prior year and up 3% from 4Q16
 - Record sales of microcontamination control and advanced deposition products
- Generated GAAP EPS of \$0.23 and non-GAAP EPS of \$0.28, above the high end of our guidance
 - For the trailing four quarters, GAAP EPS was \$0.80 and non-GAAP EPS was \$1.05
- Generated record adjusted EBITDA of \$75.8 million, or 23.9% of sales
- Repaid \$25 million of long-term debt, reducing net leverage ratio to 0.6 times
- Subsequent to the end of 1Q17, acquired a filtration product line from W. L. Gore

SUMMARY – CONSOLIDATED STATEMENT OF OPERATIONS (GAAP)

<i>\$ in millions, except per share data</i>	1Q17	1Q17 Guidance	4Q16	1Q16	1Q17 over 1Q16	1Q17 over 4Q16
Net Revenue	\$317.4	\$295 to \$310	\$308.5	\$267.0	18.9%	2.9%
Gross Margin	44.0%		42.7%	43.0%		
Operating Expenses	\$88.7		\$86.9	\$85.1	4.2%	2.1%
Operating Income	\$50.9		\$44.9	\$29.6	72.0%	13.4%
Operating Margin	16.0%		14.6%	11.1%		
Tax Rate	21.9%		24.6%	23.1%		
Net Income	\$32.5	\$25 to \$31	\$26.1	\$16.2	100.6%	24.5%
EPS	\$0.23	\$0.18 to \$0.22	\$0.18	\$0.11	109.1%	27.8%

SUMMARY – CONSOLIDATED STATEMENT OF OPERATIONS (NON-GAAP)¹

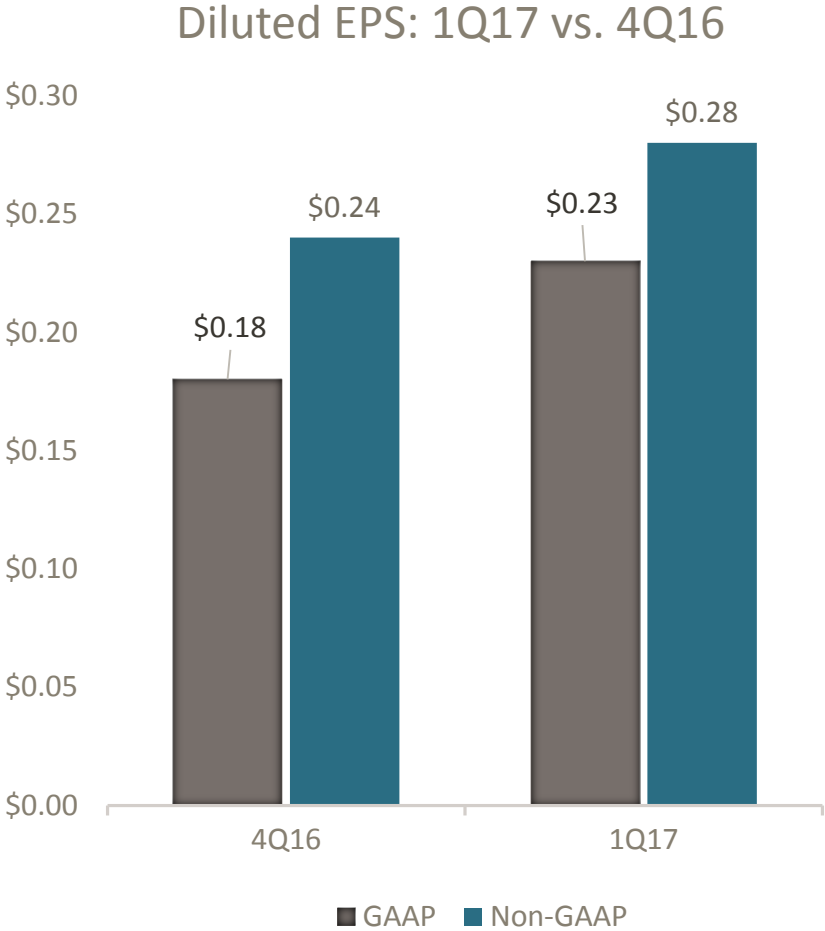
<i>\$ in millions, except per share data</i>	1Q17	1Q17 Guidance	4Q16	1Q16	1Q17 over 1Q16	1Q17 over 4Q16
Net Revenue	\$317.4	\$295 to \$310	\$308.5	\$267.0	18.9%	2.9%
Adjusted Gross Margin	44.0%		42.7%	43.0%		
Non-GAAP Operating Expenses ²	\$77.7		\$76.0	\$73.9	5.1%	2.2%
Adjusted Operating Income	\$61.9		\$55.8	\$40.8	51.7%	10.9%
Adjusted Operating Margin	19.5%		18.1%	15.3%		
Non-GAAP Tax Rate ³	22.5%		24.7%	26.8%		
Non-GAAP Net Income	\$40.8	\$32 to \$38	\$34.3	\$23.6	72.9%	19.0%
Non-GAAP EPS	\$0.28	\$0.23 to \$0.27	\$0.24	\$0.17	64.7%	16.7%

1. See GAAP to Non-GAAP reconciliation tables in the appendix of this presentation.

2. Non-GAAP Operating Expenses exclude amortization expense.

3. Non-GAAP Tax Rate reflects the tax effect of non-GAAP adjustments and discrete tax items to GAAP taxes.

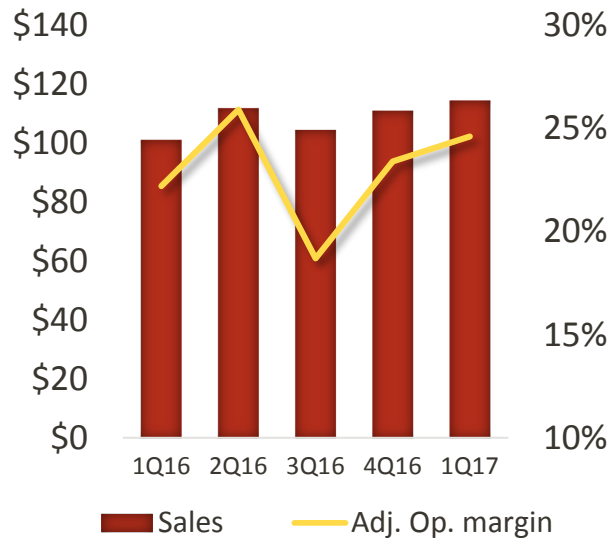
DILUTED EARNINGS PER SHARE¹



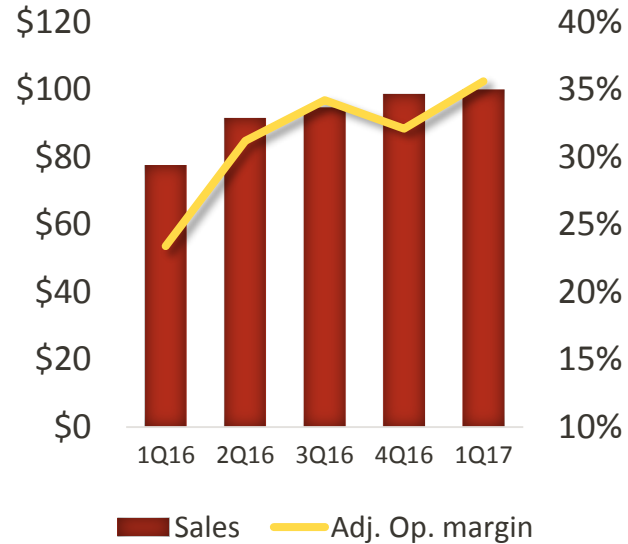
1. See Reconciliation of GAAP Net Income to Non-GAAP Earnings per Share in the appendix of this presentation.

RESULTS BY SEGMENT¹

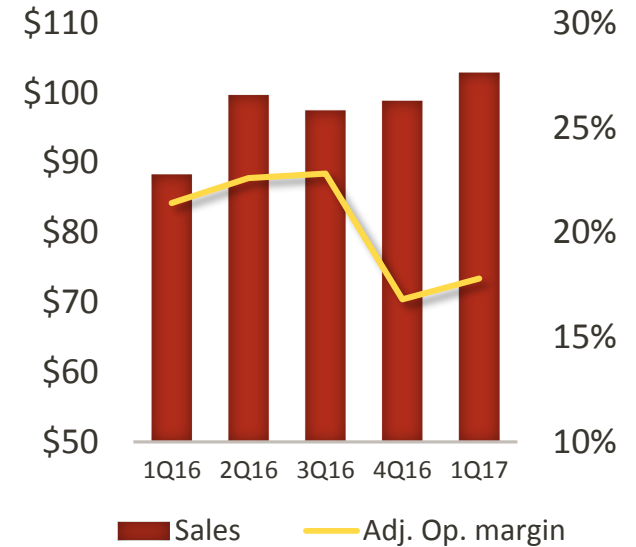
Specialty Chemicals and Engineered Materials Segment²



Microcontamination Control Segment³



Advanced Materials Handling Segment⁴



1. Adjusted segment operating margin excludes amortization of intangibles and unallocated expenses.

2. Segment profit for SCEM for 3Q16 includes a charge for severance related to organizational realignment of \$699.

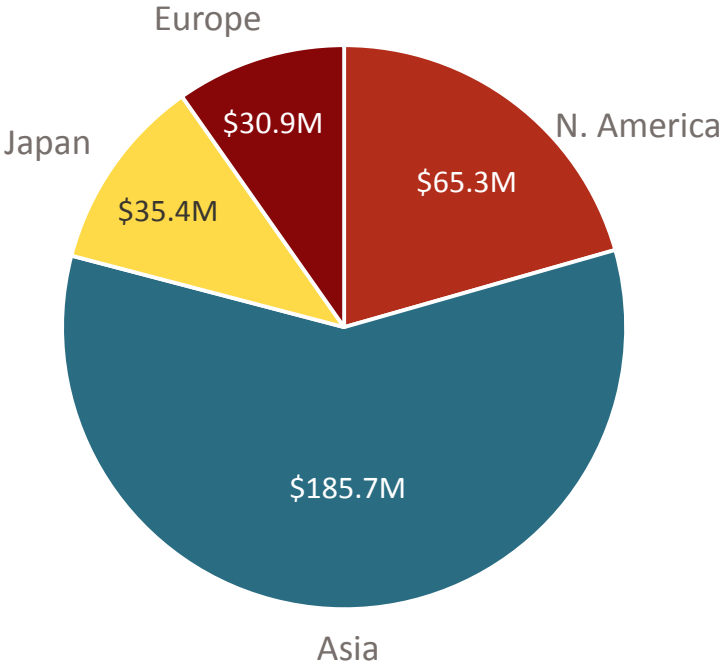
3. Segment profit for MC for 3Q16 includes a charge for severance related to organizational realignment of \$737.

4. Segment profit for AMH for 3Q16 includes charges for impairment of equipment and severance related to organizational realignment totaling \$6,795.

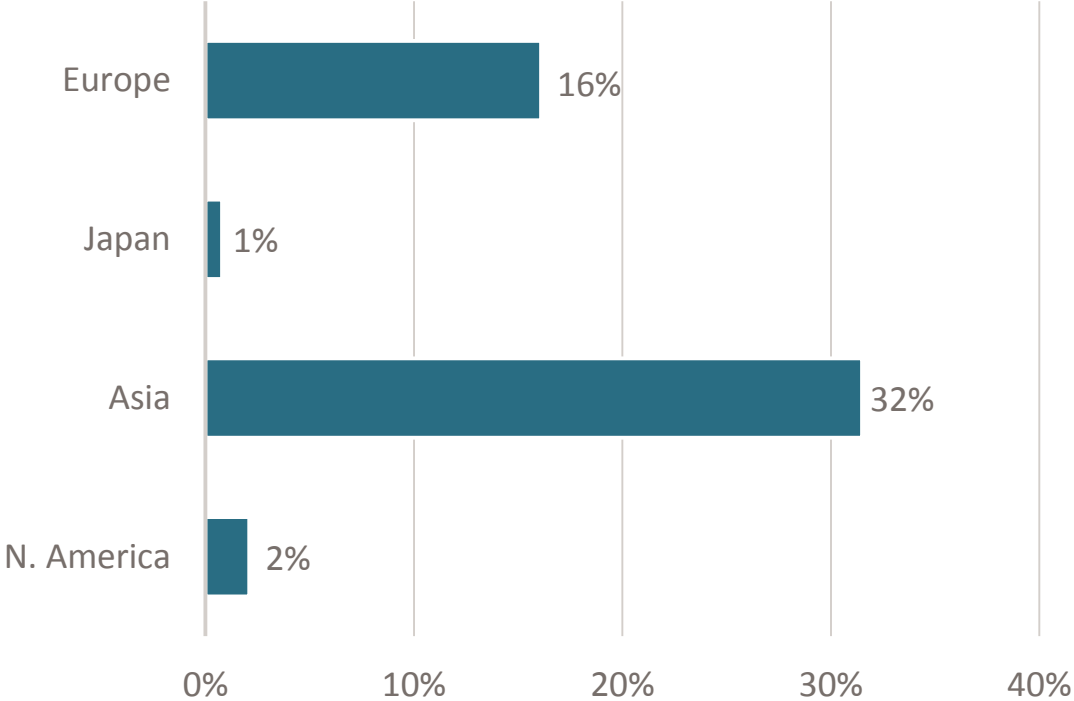
REVENUE BY GEOGRAPHY: STRONG GROWTH IN ASIA AND EUROPE

1Q17 Revenue by Geography

1Q17 Revenue = \$317.4 million



1Q17 vs. 1Q16 Growth Rate

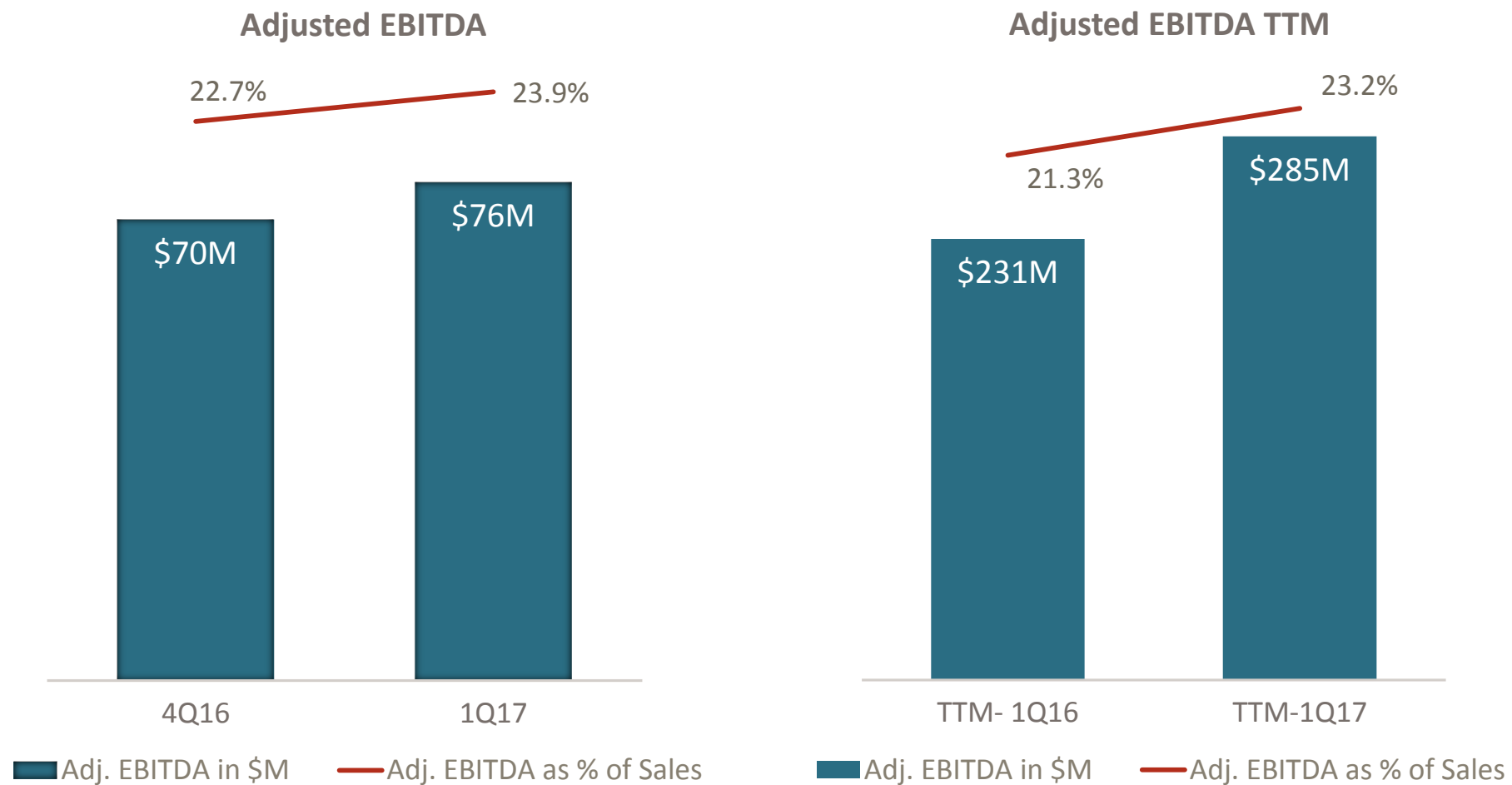


SUMMARY – BALANCE SHEET ITEMS

<i>\$ in millions</i>	1Q17		4Q16		1Q16	
	\$ Amount	% Total	\$ Amount	% Total	\$ Amount	% Total
Cash & Cash Equivalents	\$391.2	23.1%	\$406.4	23.9%	\$344.4	20.8%
Accounts Receivable, net	\$176.0	10.4%	\$165.7	9.7%	\$149.8	9.1%
Inventories	\$188.3	11.1%	\$183.5	10.8%	\$184.0	11.1%
Net PP&E	\$330.9	19.5%	\$321.6	18.9%	\$322.7	19.5%
Total Assets	\$1,696.1		\$1,699.5		\$1,653.8	
Current Liabilities ¹	\$236.2	13.9%	\$261.6	15.4%	\$161.7	9.8%
Long-term debt, excluding current maturities	\$460.3	27.1%	\$484.7	28.5%	\$606.6	36.7%
Total Liabilities	\$751.0	44.3%	\$800.3	47.1%	\$832.0	50.3%
Total Shareholders' Equity	\$945.1	55.7%	\$899.2	52.9%	\$821.8	49.7%
AR - DSOs	50.6		49.0		51.2	
Inventory Turns	3.8		3.8		3.4	

1. Current Liabilities in 1Q17, 4Q16 and 4Q15 includes \$100 million of current maturities of long term debt, respectively.

ADJUSTED EBITDA MARGIN¹



1. See Reconciliation of GAAP Income to Adjusted Operating Income and Adjusted EBITDA in the appendix of this presentation.

CASH FLOWS

<i>\$ in millions</i>	1Q17	4Q16	1Q16
Beginning Cash Balance	\$406.4	\$411.8	\$349.8
Cash from operating activities	33.4	57.1	17.3
Capital expenditures	(22.2)	(20.0)	(17.8)
Payments on long-term debt	(25.0)	(25.0)	-
Other investing activities	0.2	0.1	(2.5)
Other financing activities	(7.8)	(3.2)	(5.6)
Effect of exchange rates	6.1	(14.3)	3.1
Ending Cash Balance	\$391.2	\$406.4	\$344.4
Free Cash Flow ¹	\$11.2	\$37.1	\$(0.5)
Adjusted EBITDA	\$75.8	\$70.1	\$54.5

1. Free cash flow equals cash from operations less capital expenditures.

OUTLOOK

GAAP

<i>\$ in millions, except per share data</i>	2Q17 Guidance	1Q17	2Q16
Net Revenue	\$315 to \$330	\$317.4	\$303.1
Gross Margin		44.0%	45.9%
Operating Expenses	\$90 to \$92	\$88.7	\$92.8
Net Income	\$32 to \$37	\$32.5	\$32.9
EPS	\$0.22 to \$0.26	\$0.23	\$0.23

Non-GAAP

<i>\$ in millions, except per share data</i>	2Q17 Guidance	1Q17	2Q16
Net Revenue	\$315 to \$330	\$317.4	\$303.1
Gross Margin		44.0%	45.9%
Non-GAAP Operating Expenses ¹	\$79 to \$81	\$77.7	\$81.7
Non-GAAP Net Income	\$39 to \$44	\$40.8	\$40.3
Non-GAAP EPS	\$0.27 to \$0.31	\$0.28	\$0.28

1. Non-GAAP operating expenses exclude amortization. In 2Q17, amortization is estimated to be approximately \$11 million, or \$0.05 per share.



APPENDIX: NON-GAAP RECONCILIATION TABLES

NON-GAAP RECONCILIATION TABLE

RECONCILIATION OF GAAP TO ADJUSTED OPERATING INCOME AND ADJUSTED EBITDA

\$ in thousands (unaudited)

	Three months ended		
	April 1, 2017	April 2, 2016	December 31, 2016
Net sales	\$317,377	\$267,024	\$308,502
Net income	\$32,514	\$16,212	\$26,098
Adjustments to net income:			
Income tax expense	9,111	4,873	8,521
Interest expense, net	8,393	9,149	8,983
Other expense (income), net	902	(675)	1,303
GAAP - Operating income	50,920	29,559	44,905
Amortization of intangible assets	10,945	11,289	10,938
Adjusted operating income	61,865	40,848	55,843
Depreciation	13,977	13,700	14,303
Adjusted EBITDA	\$75,842	\$54,548	\$70,146
Adjusted operating margin	19.5%	15.3%	18.1%
Adjusted EBITDA - as a % of net sales	23.9%	20.4%	22.7%

NON-GAAP RECONCILIATION TABLE

RECONCILIATION OF GAAP TO NON-GAAP EARNINGS PER SHARE

Entegris, Inc. and Subsidiaries
Reconciliation of GAAP Net Income to Non-GAAP Earnings per Share
(In thousands, except per share data)
(Unaudited)

	Three months ended			Twelve months ended	
	April 1, 2017	April 2, 2016	December 31, 2016	April 1, 2017	December 31, 2016
GAAP net income	\$32,514	\$16,212	\$26,098	\$113,449	\$97,147
Adjustments to net income:					
Severance related organizational realignment	—	—	—	2,405	2,405
Impairment of equipment	—	—	—	5,826	5,826
Gain on sale of equity investment	—	(118)	—	(38)	(156)
Amortization of intangible assets	10,945	11,289	10,938	43,919	44,263
Tax effect of adjustments to net income and discrete items	(2,705)	(3,766)	(2,742)	(15,576)	(16,637)
Non-GAAP net income	<u>\$40,754</u>	<u>\$23,617</u>	<u>\$34,294</u>	<u>\$149,985</u>	<u>\$132,848</u>
Diluted earnings per common share	\$0.23	\$0.11	\$0.18	\$0.80	\$0.68
Effect of adjustments to net income	\$0.06	\$0.05	\$0.06	\$0.26	\$0.25
Diluted non-GAAP earnings per common share	<u>\$0.28</u>	<u>\$0.17</u>	<u>\$0.24</u>	<u>\$1.05</u>	<u>\$0.94</u>

GAAP SEGMENT TREND DATA

	Q115	Q215	Q315	Q415	Q116	Q216	Q316	Q416	Q117
Sales									
SCEM	\$ 99,897	\$ 110,569	\$ 105,285	\$ 103,127	\$ 101,107	\$ 111,782	\$ 104,494	\$ 110,945	\$ 114,435
MC	75,947	79,293	78,485	82,092	77,619	91,584	94,738	98,717	100,055
AMH	87,529	90,847	86,483	81,567	88,298	99,686	97,460	98,840	102,887
Total Sales	\$ 263,373	\$ 280,709	\$ 270,253	\$ 266,786	\$ 267,024	\$ 303,052	\$ 296,692	\$ 308,502	\$ 317,377
Segment Profit									
SCEM	\$ 22,010	\$ 30,826	\$ 23,316	\$ 24,218	\$ 22,416	\$ 28,914	\$ 18,811	\$ 25,919	\$ 28,140
MC	19,874	20,605	21,926	20,671	18,140	28,566	31,617	31,719	35,581
AMH	19,679	20,860	15,786	10,094	18,911	22,519	15,378	16,644	18,276
Total Segment Profit	\$ 61,563	\$ 72,291	\$ 61,028	\$ 54,983	\$ 59,467	\$ 79,999	\$ 65,806	\$ 74,282	\$ 81,997

NON-GAAP SEGMENT TREND DATA

	Q115	Q215	Q315	Q415	Q116	Q216	Q316	Q416	Q117
Sales									
SCEM	\$ 99,897	\$ 110,569	\$ 105,285	\$ 103,127	\$ 101,107	\$ 111,782	\$ 104,494	\$ 110,945	\$ 114,435
MC	75,947	79,293	78,485	82,092	77,619	91,584	94,738	98,717	100,055
AMH	87,529	90,847	86,483	81,567	88,298	99,686	97,460	98,840	102,887
Total Sales	<u>\$ 263,373</u>	<u>\$ 280,709</u>	<u>\$ 270,253</u>	<u>\$ 266,786</u>	<u>\$ 267,024</u>	<u>\$ 303,052</u>	<u>\$ 296,692</u>	<u>\$ 308,502</u>	<u>\$ 317,377</u>
Adjusted Segment Profit									
SCEM ¹	\$ 22,010	\$ 30,826	\$ 23,316	\$ 24,218	\$ 22,416	\$ 28,914	\$ 19,510	\$ 25,919	\$ 28,140
MC ²	19,874	20,605	21,926	20,671	18,140	28,566	32,354	31,719	35,581
AMH ³	19,679	20,860	15,786	10,094	18,911	22,519	22,173	16,644	18,276
Total Adj. Segment Profit	<u>\$ 61,563</u>	<u>\$ 72,291</u>	<u>\$ 61,028</u>	<u>\$ 54,983</u>	<u>\$ 59,467</u>	<u>\$ 79,999</u>	<u>\$ 74,037</u>	<u>\$ 74,282</u>	<u>\$ 81,997</u>

1 Adjusted segment profit for SCEM for Q316 excludes charges for severance related to organizational realignment of \$699.

2 Adjusted segment profit for MC for Q316 excludes charges for severance related to organizational realignment of \$737.

3 Adjusted segment profit for AMH for Q316 excludes charges for impairment of equipment and severance related to organizational realignment of \$5,826 and \$969, respectively.