

3M Company

Dupont opt-outs levels a positive for 3M

Maintain Rating: NEUTRAL | PO: 120.00 USD | Price: 108.54 USD

Dupont opt-outs a positive read across for 3M

On 1/3 the opt-outs for Dupont's settlement with Public Water Suppliers (PWS) was announced to be ~5% or 717 out of 14,167 Public Water Suppliers identified as class members. We view this as a positive for 3M who will be hearing its opt-out numbers with Public Water Suppliers at its Final Fairness Hearing on 2/2. Dupont and 3M both settled to resolve a material portion of drinking water claims related to PWS and water pollution claims tied to per- and polyfluorinated substances (PFAS) contamination on 6/2 and 6/22 respectively. The list of who opt-ed out was not included in the filing, so the sizes of the authorities who opted-out is still unknown. Of the 717 opt-outs some may be excluded for failure to opt-out properly and potentially would be back in the settlement. The filing noted of the 717, 427 did not comply as it was filed on behalf of another settlement member. 120 of the 717 did not comply with one or more of the requirements. We would also note that opt-outs are able to opt back into the settlement until March 1. We believe that 3M's opt-in/opt-out should be very similar to what was seen by Dupont. Previous objections to the settlement had represented ~9% of the US population (see 3M note dated 11/29 here). We maintain our Neutral rating on 3M, as we believe that it balances 3M's low valuation and improving execution with litigation

Background on the settlement

3M as part of the settlement had agreed to contribute up to a present value of \$10.3bn, payable over 13 years. The settlement is for no less than \$10.5bn and no more than \$12.5bn to resolve these claims.

Other cases in the AFFF MDL

On 12/28 the Sovereign Committee requested a separated Sovereign bellwether and asked for the issue to be addressed at the 2/2 status conference. The Sovereign Committee is a subcommittee of the Plaintiffs' Executive Committee and is comprised of 28 U.S. States and Territories.

Estimates (Dec) (US\$)	2021A	2022A	2023E	2024E	2025E
EPS	10.55	9.88	9.15	10.47	11.10
GAAPEPS	9.94	9.95	(12.01)	10.47	11.10
EPS Change (YoY)	13.6%	-6.4%	-7.4%	14.4%	6.0%
Consensus EPS (Bloomberg)			9.11	9.80	10.50
DPS	5.92	5.96	6.00	6.00	6.00
Valuation (Dec)					
P/E	10.3x	11.0x	11.9x	10.4x	9.8x
GAAP P/E	10.9x	10.9x	NM	10.4x	9.8x
Dividend Yield	5.5%	5.5%	5.5%	5.5%	5.5%
EV / EBITDA*	8.5x	9.4x	9.8x	8.9x	8.4x
Free Cash Flow Yield*	9.1%	6.0%	6.2%	5.1%	8.1%
* For full definitions of <i>IQ</i> method SM measures, see page 5.					

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Objective Basis/Risk on page 4.

04 January 2024

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Stock Data

Price	108.54 USD
Price Objective	120.00 USD
Date Established	26-Jul-2023
Investment Opinion	B-2-8
52-Week Range	85.35 USD - 129.90 USD
Mrkt Val (mn) / Shares Out	64,321 USD / 592.6
(mn)	
Free Float	99.9%
Average Daily Value (mn)	385.54 USD
BofA Ticker / Exchange	MMM / NYS
Bloomberg / Reuters	MMM US / MMM.N
ROE (2023E)	64.3%
Net Dbt to Eqty (Dec-2022A)	83.2%
ESGMeter™	High

ESGMeter is not indicative of a company's future stock price performance and is not an investment recommendation or rating. ESGMeter is independent of BofA Global Research's equity investment rating, volatility risk rating, income rating, and price objective for that company. For full details, refer to

AFFF: aqueous film-forming foams

MDL: multi-district litigation

iQprofile[™]3M Company

(US\$ Millions)	2021A	2022A	2023E	2024E	2025
Return on Capital Employed	15.9%	14.7%	14.4%	17.4%	18.5%
Return on Equity	44.0%	37.5%	64.3%	455.7%	259.19
Operating Margin	22.6%	21.1%	20.3%	21.8%	22.39
Free Cash Flow	5,851	3,842	3,992	3,286	5,219
Qmethod [™] – Quality of Earnings*					
(US\$ Millions)	2021A	2022A	2023E	2024E	2025
Cash Realization Ratio	1.2x	1.0x	1.1x	0.9x	1.2
Asset Replacement Ratio	0.8x	1.0x	0.9x	1.0x	1.0
Tax Rate	18.1%	17.5%	18.3%	18.5%	18.59
Net Debt-to-Equity Ratio	84.7%	83.2%	NM	NM	313.29
Interest Cover	46.6x	47.3x	27.8x	44.8x	45.3
ncome Statement Data (Dec)					
(US\$ Millions)	2021A	2022A	2023E	2024E	2025
Sales	34,097	32,878	31,737	33.430	34,64
% Change	5.9%	-3.6%	-3.5%	5.3%	3.69
Gross Profit	15,302	13,646	13,413	14,462	15,02
% Change	-1.8%	-10.8%	-1.7%	7.8%	3.99
EBITDA	9,612	8,778	8,380	9,267	9,72
% Change	5.7%	-8.7%	-4.5%	10.6%	4.99
Net Interest & Other Income	(165)	(147)	(232)	(163)	(171
Net Income (Adjusted)	6,174	5,607	5,068	5,799	6,13
% Change	14.1%	-9.2%	-9.6%	14.4%	5.8%
Free Cash Flow Data (Dec) (US\$ Millions)	2021A	2022A	2023E	2024E	
(US\$ Millions) Net Income from Cont Operations (GAAP)	5,815	5,647	(6,650)	5,799	6,13
(US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization	5,815 1,915	5,647 1,831	(6,650) 1,931	5,799 1,970	6,13- 2,009
(US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital	5,815 1,915 (751)	5,647 1,831 (670)	(6,650) 1,931 13,931	5,799 1,970 (839)	6,13- 2,009 (57
(US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge	5,815 1,915 (751) (166)	5,647 1,831 (670) (663)	(6,650) 1,931 13,931 (3,837)	5,799 1,970 (839) 0	6,13, 2,009 (57
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net	5,815 1,915 (751) (166) 641	5,647 1,831 (670) (663) (554)	(6,650) 1,931 13,931 (3,837) 305	5,799 1,970 (839) 0 (1,764)	6,13- 2,009 (57 (955
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure	5,815 1,915 (751) (166) 641 (1,603)	5,647 1,831 (670) (663) (554) (1,749)	(6,650) 1,931 13,931 (3,837) 305 (1,688)	5,799 1,970 (839) 0 (1,764) (1,879)	6,13- 2,009 (57 (955 (1,912
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow	5,815 1,915 (751) (166) 641 (1,603) 5,851	5,647 1,831 (670) (663) (554) (1,749) 3,842	(6,650) 1,931 13,931 (3,837) 305 (1,688) 3,992	5,799 1,970 (839) 0 (1,764) (1,879) 3,286	6,13- 2,009 (57 (955 (1,912
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change	5,815 1,915 (751) (166) 641 (1,603) 5,851 -11.5%	5,647 1,831 (670) (663) (554) (1,749) 3,842 -34.3%	(6,650) 1,931 13,931 (3,837) 305 (1,688) 3,992 3,9%	5,799 1,970 (839) 0 (1,764) (1,879) 3,286 - 17.7%	6,13- 2,009 (57 (955 (1,912 5,219
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase	5,815 1,915 (751) (166) 641 (1,603) 5,851 - 11.5% (1,560)	5,647 1,831 (670) (663) (554) (1,749) 3,842 - 34.3% (1,083)	(6,650) 1,931 13,931 (3,837) 305 (1,688) 3,992 3,9% (227)	5,799 1,970 (839) 0 (1,764) (1,879) 3,286 - 17.7%	6,13 2,00 (57 (955 (1,912 5,21 9 58.89
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid	5,815 1,915 (751) (166) 641 (1,603) 5,851 - 11.5% (1,560) (3,420)	5,647 1,831 (670) (663) (554) (1,749) 3,842 - 34.3% (1,083) (3,369)	(6,650) 1,931 13,931 (3,837) 305 (1,688) 3,992 3.9% (227) (3,324)	5,799 1,970 (839) 0 (1,764) (1,879) 3,286 - 17.7% 19 (3,323)	6,13- 2,000 (57 (955 (1,912 5,219 58.89 (30
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase	5,815 1,915 (751) (166) 641 (1,603) 5,851 - 11.5% (1,560)	5,647 1,831 (670) (663) (554) (1,749) 3,842 - 34.3% (1,083)	(6,650) 1,931 13,931 (3,837) 305 (1,688) 3,992 3,9% (227)	5,799 1,970 (839) 0 (1,764) (1,879) 3,286 - 17.7%	6,13- 2,000 (57 (955 (1,912 5,219 58.89 (30
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec)	5,815 1,915 (751) (166) 641 (1,603) 5,851 -11.5% (1,560) (3,420) (1,145)	5,647 1,831 (670) (663) (554) (1,749) 3,842 -34.3% (1,083) (3,369) (838)	(6,650) 1,931 13,931 (3,837) 305 (1,688) 3,992 3.9% (227) (3,324) (1,789)	5,799 1,970 (839) 0 (1,764) (1,879) 3,286 -17.7% 19 (3,323) (1,101)	6,13·2,00° (57° (955° (1,912° 5,21)* 58.8% (30° (3,317° (1,795°)
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec) (US\$ Millions)	5,815 1,915 (751) (166) 641 (1,603) 5,851 -11.5% (1,560) (3,420) (1,145)	5,647 1,831 (670) (663) (554) (1,749) 3,842 - 34.3% (1,083) (3,369) (838)	(6,650) 1,931 13,931 (3,837) 305 (1,688) 3,992 3.9% (227) (3,324) (1,789)	5,799 1,970 (839) 0 (1,764) (1,879) 3,286 - 17.7% 19 (3,323) (1,101)	6,13·2,00° (57° (955° (1,912° 5,21)° 58.8 ° (30° (3,317° (1,795° 2025 2025
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents	5,815 1,915 (751) (166) 641 (1,603) 5,851 -11.5% (1,560) (3,420) (1,145)	5,647 1,831 (670) (663) (554) (1,749) 3,842 -34.3% (1,083) (3,369) (838)	(6,650) 1,931 13,931 (3,837) 305 (1,688) 3,992 3.9% (227) (3,324) (1,789) 2023E 2,307	5,799 1,970 (839) 0 (1,764) (1,879) 3,286 -17.7% 19 (3,323) (1,101)	6,13-2,00° (57° (955° (1,912° 5,21) 58.8% (30° (3,317° (1,795° 2025 1,260° (5,00
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables	5,815 1,915 (751) (166) 641 (1,603) 5,851 -11.5% (1,560) (3,420) (1,145) 2021A 4,564 4,660	5,647 1,831 (670) (663) (554) (1,749) 3,842 -34.3% (1,083) (3,369) (838) 2022A 3,655 4,532	(6,650) 1,931 13,931 (3,837) 305 (1,688) 3,992 3.9% (227) (3,324) (1,789) 2023E 2,307 4,749	5,799 1,970 (839) 0 (1,764) (1,879) 3,286 -17.7% 19 (3,323) (1,101) 2024E 1,188 5,048	6,13-2,005 (57) (955) (1,912) 5,219 58.8% (30) (3,317) (1,795)
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets	5,815 1,915 (751) (166) 641 (1,603) 5,851 -11.5% (1,560) (3,420) (1,145) 2021A 4,564 4,660 6,179	5,647 1,831 (670) (663) (554) (1,749) 3,842 -34.3% (1,083) (3,369) (838) 2022A 3,655 4,532 6,501	(6,650) 1,931 13,931 (3,837) 305 (1,688) 3,992 3.9% (227) (3,324) (1,789) 2023E 2,307 4,749 6,109	5,799 1,970 (839) 0 (1,764) (1,879) 3,286 -17.7% 19 (3,323) (1,101) 2024E 1,188 5,048 6,431	6,13-2,005 (57 (955 (1,912 5,21) 58.8% (30 (3,317 (1,795 2025 1,266 5,18-6,466
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment	5,815 1,915 (751) (166) 641 (1,603) 5,851 -11.5% (1,560) (3,420) (1,145) 2021A 4,564 4,660 6,179 9,429	5,647 1,831 (670) (663) (554) (1,749) 3,842 -34.3% (1,083) (3,369) (838) 2022A 3,655 4,532 6,501 9,178	(6,650) 1,931 13,931 (3,837) 305 (1,688) 3,992 3.9% (227) (3,324) (1,789) 2023E 2,307 4,749 6,109 8,935	5,799 1,970 (839) 0 (1,764) (1,879) 3,286 -17.7% 19 (3,323) (1,101) 2024E 1,188 5,048 6,431 8,844	6,13-2,00° (57° (955° (1,912° 5,21) 58.8% (30° (3,317° (1,795° 2025 1,266° 5,18-6,466° 8,74°
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets	5,815 1,915 (751) (166) 641 (1,603) 5,851 -11.5% (1,560) (3,420) (1,145) 2021A 4,564 4,660 6,179 9,429 22,240	5,647 1,831 (670) (663) (554) (1,749) 3,842 -34.3% (1,083) (3,369) (838) 2022A 3,655 4,532 6,501 9,178 22,589	(6,650) 1,931 13,931 (3,837) 305 (1,688) 3,992 3.9% (227) (3,324) (1,789) 2023E 2,307 4,749 6,109 8,935 24,634	5,799 1,970 (839) 0 (1,764) (1,879) 3,286 -17.7% 19 (3,323) (1,101) 2024E 1,188 5,048 6,431 8,844 25,015	6,13-2,00' (57' (955' (1,912' 5,21! 58.8% (30' (3,317' (1,795' 2025 1,266' 5,18-6,466' 8,74' 25,28'
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets	5,815 1,915 (751) (166) 641 (1,603) 5,851 -11.5% (1,560) (3,420) (1,145) 2021A 4,564 4,660 6,179 9,429 22,240 47,072	5,647 1,831 (670) (663) (554) (1,749) 3,842 -34.3% (1,083) (3,369) (838) 2022A 3,655 4,532 6,501 9,178 22,589 46,455	(6,650) 1,931 13,931 (3,837) 305 (1,688) 3,992 3.9% (227) (3,324) (1,789) 2023E 2,307 4,749 6,109 8,935 24,634 46,733	5,799 1,970 (839) 0 (1,764) (1,879) 3,286 -17.7% 19 (3,323) (1,101) 2024E 1,188 5,048 6,431 8,844 25,015 46,527	6,13-2,00° (57° (955° (1,912° 5,21) 58.8% (30° (3,317° (1,795° 2025 1,266° 5,18-6,466° 8,744° 25,28° 46,95 (46,95 (6,51° (1,5
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets Short-Term Debt	5,815 1,915 (751) (166) 641 (1,603) 5,851 -11.5% (1,560) (3,420) (1,145) 2021A 4,564 4,660 6,179 9,429 22,240 47,072 1,307	5,647 1,831 (670) (663) (554) (1,749) 3,842 -34.3% (1,083) (3,369) (838) 2022A 3,655 4,532 6,501 9,178 22,589 46,455 1,938	(6,650) 1,931 13,931 (3,837) 305 (1,688) 3,992 3.9% (227) (3,324) (1,789) 2023E 2,307 4,749 6,109 8,935 24,634 46,733 0	5,799 1,970 (839) 0 (1,764) (1,879) 3,286 -17.7% 19 (3,323) (1,101) 2024E 1,188 5,048 6,431 8,844 25,015 46,527 0	6,13 2,00 (57 (955 (1,912 5,21) 58.89 (30 (3,317 (1,795 2025 1,26 5,18 6,46 8,74 25,28 46,95
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets Short-Term Debt Other Current Liabilities	5,815 1,915 (751) (166) 641 (1,603) 5,851 -11.5% (1,560) (3,420) (1,145) 2021A 4,564 4,660 6,179 9,429 22,240 47,072 1,307 7,728	5,647 1,831 (670) (663) (554) (1,749) 3,842 -34.3% (1,083) (3,369) (838) 2022A 3,655 4,532 6,501 9,178 22,589 46,455 1,938 7,585	(6,650) 1,931 13,931 (3,837) 305 (1,688) 3,992 3.9% (227) (3,324) (1,789) 2023E 2,307 4,749 6,109 8,935 24,634 46,733 0 12,335	5,799 1,970 (839) 0 (1,764) (1,879) 3,286 -17.7% 19 (3,323) (1,101) 2024E 1,188 5,048 6,431 8,844 25,015 46,527 0 12,498	6,13-2,00° (57° (955° (1,912° 5,21) 58.8% (30° (3,317° (1,795° 2025 1,266° 5,18-6,466° 8,744° 25,28° 46,95 (12,88° 12,88° (1,00
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets Short-Term Debt Other Current Liabilities Long-Term Debt	5,815 1,915 (751) (166) 641 (1,603) 5,851 -11.5% (1,560) (3,420) (1,145) 2021A 4,564 4,660 6,179 9,429 22,240 47,072 1,307 7,728 16,056	5,647 1,831 (670) (663) (554) (1,749) 3,842 -34.3% (1,083) (3,369) (838) 2022A 3,655 4,532 6,501 9,178 22,589 46,455 1,938 7,585 14,001	(6,650) 1,931 13,931 (3,837) 305 (1,688) 3,992 3.9% (227) (3,324) (1,789) 2023E 2,307 4,749 6,109 8,935 24,634 46,733 0 12,335 14,150	5,799 1,970 (839) 0 (1,764) (1,879) 3,286 -17.7% 19 (3,323) (1,101) 2024E 1,188 5,048 6,431 8,844 25,015 46,527 0 12,498 13,049	6,13-2,00° (57° (955° (1,912° 5,21) 58.8% (30° (3,317° (1,795° 2025
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Short-Term Debt Other Current Liabilities Long-Term Debt Other Non-Current Liabilities	5,815 1,915 (751) (166) 641 (1,603) 5,851 -11.5% (1,560) (3,420) (1,145) 2021A 4,564 4,660 6,179 9,429 22,240 47,072 1,307 7,728 16,056 6,864	5,647 1,831 (670) (663) (554) (1,749) 3,842 -34.3% (1,083) (3,369) (838) 2022A 3,655 4,532 6,501 9,178 22,589 46,455 1,938 7,585 14,001 8,161	(6,650) 1,931 13,931 (3,837) 305 (1,688) 3,992 3.9% (227) (3,324) (1,789) 2023E 2,307 4,749 6,109 8,935 24,634 46,733 0 12,335 14,150 19,248	5,799 1,970 (839) 0 (1,764) (1,879) 3,286 -17.7% 19 (3,323) (1,101) 2024E 1,188 5,048 6,431 8,844 25,015 46,527 0 12,498 13,049 19,435	6,13-2,009 (57 (955 (1,912 5,219 58.8% (30 (3,317 (1,795 1,266 5,18-6,466 8,744 25,286 11,25-19,622 19,62
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets Short-Term Debt Other Current Liabilities Long-Term Debt	5,815 1,915 (751) (166) 641 (1,603) 5,851 -11.5% (1,560) (3,420) (1,145) 2021A 4,564 4,660 6,179 9,429 22,240 47,072 1,307 7,728 16,056	5,647 1,831 (670) (663) (554) (1,749) 3,842 -34.3% (1,083) (3,369) (838) 2022A 3,655 4,532 6,501 9,178 22,589 46,455 1,938 7,585 14,001	(6,650) 1,931 13,931 (3,837) 305 (1,688) 3,992 3.9% (227) (3,324) (1,789) 2023E 2,307 4,749 6,109 8,935 24,634 46,733 0 12,335 14,150	5,799 1,970 (839) 0 (1,764) (1,879) 3,286 -17.7% 19 (3,323) (1,101) 2024E 1,188 5,048 6,431 8,844 25,015 46,527 0 12,498 13,049	2025 6,134 2,009 (57 (1,915 58.8% (30 (3,317 (1,795 2025 1,266 5,184 6,446 25,288 46,950 (12,888 11,254 19,622 43,761 3,190

Company Sector

Industrials/Multi-Industry

Company Description

3M Company was founded in 1902 as a mining concern. Today, the Minnesota-based company is a diversified, global manufacturer. Its businesses are technology-driven and organized under four segments: Consumer, Safety and Industrial, Transportation and Electronics, and Health Care. Its popular brands include Scotch, Post-It, 3M, and Thinsulate. It holds over 500 US patents.

Investment Rationale

We see near-term positives, including the pending spin-off of Health Care, benefits from announced restructuring plans, and lapping of certain one-time headwinds. These are balanced by 3M's continuing litigation and regulatory risks.

Stock Data

Average Daily Volume 3,552,025

Quarterly Earnings Estimates

	2022	2023
Q1	2.63A	1.97A
Q2	2.46A	2.17A
Q3	2.60A	2.68A
04	2.18A	2.33E



* For full definitions of $\emph{IQ} \textit{method}^{\, \text{SM}}$ measures, see page 5.



Price objective basis & risk

3M Company (MMM)

We base our \$120 price objective on 11x P/E on our 2025 estimates. Our 11x target multiple is at a discount to Industrial peers trading at 21x on 2024 estimates. 11x is also at a discount to high quality consumer goods peers trading at 23x on 2024E. We believe valuation at a discount to peers is warranted given 3M's lower growth outlook, choppier execution, and PFAS liability risk.

Upside risks to our PO are 1) little headline risk/market reaction to PFAS liability, 2) limited PFAS legislative action taken by the federal government, and 3) better-than-expected operational execution.

Downside risks to our PO are 1) a need for greater investment could be a margin headwind, 2) slower-than-anticipated recovery of end markets, and 3) PFAS litigation risk.

Analyst Certification

I, Andrew Obin, hereby certify that the views expressed in this research report accurately reflect my personal views about the subject securities and issuers. I also certify that no part of my compensation was, is, or will be, directly or indirectly, related to the specific recommendations or view expressed in this research report.

US - Multi-Industrials/Engineering and Construction Coverage Cluster

Investment rating	Company	Bof A Ticker	Bloomberg symbol	Analyst
BUY				
	APi Group	APG	APG US	Andrew Obin
	AspenTech	AZPN	AZPN US	Andrew Obin
	Atmus Filtration	ATMU	ATMU US	Andrew Obin
	Dover Corp	DOV	DOV US	Andrew Obin
	Eaton Corp PLC	ETN	ETN US	Andrew Obin
	Emerson Electric Co	EMR	EMR US	Andrew Obin
	Flowserve	FLS	FLS US	Andrew Obin
	General Electric Company	GE	GE US	Andrew Obin
	Honeywell International Inc.	HON	HON US	Andrew Obin
	ITT Inc.	ITT	ITT US	Andrew Obin
	Montrose Environmental Group, Inc.	MEG	MEG US	Andrew Obin
	Parker Hannifin Corporation	PH	PH US	Andrew Obin
	PTC Inc.	PTC	PTC US	Andrew Obin
	Rush	RUSHA	RUSHA US	Andrew Obin
	Vertiv	VRT	VRT US	Andrew Obin
NEUTRAL				
	3M Company	MMM	MMM US	Andrew Obin
	AMETEK Inc	AME	AME US	Andrew Obin
	Fortive Corporation	FTV	FTV US	Andrew Obin
	Illinois Tool Works	ITW	ITW US	Andrew Obin
	Johnson Controls International PLC	JCI	JCI US	Andrew Obin
	Rockwell	ROK	ROK US	Andrew Obin
	Trane Technologies PLC	TT	TT US	Andrew Obin
	Vontier	VNT	VNT US	Andrew Obin
UNDERPERFORM				
	Allegion	ALLE	ALLE US	Andrew Obin
	Ansys, Inc.	ANSS	ANSS US	Andrew Obin
	Carrier Global Corp.	CARR	CARR US	Andrew Obin
	Core & Main	CNM	CNM US	Andrew Obin
	John Bean Technologies	JBT	JBT US	Andrew Obin
	Keysight	KEYS	KEYS US	David Ridley-Lane, CFA
	Pentair plc	PNR	PNR US	Andrew Obin
	I ·			

US - Multi-Industrials/Engineering and Construction Coverage Cluster

Investment rating Company Bof A Ticker Bloomberg symbol Analyst

Qmethod [™] Measures Definitions

Business Performance	Numerator	Denominator
Return On Capital Employed	NOPAT = (EBIT + Interest Income) \times (1 - Tax Rate) + Goodwill Amortization	Total Assets – Current Liabilities +ST Debt + Accumulated Goodwill
		Amortization
Return On Equity	Net Income	Shareholders' Equity
Operating Margin	Operating Profit	Sales
Earnings Growth	Expected 5 Year CAGR From Latest Actual	N/A
Free Cash Flow	Cash Flow From Operations – Total Capex	N/A
Quality of Earnings	Numerator	Denominator
Cash Realization Ratio	Cash Flow From Operations	Net Income
Asset Replacement Ratio	Capex	Depreciation
Tax Rate	Tax Charge	Pre-Tax Income
Net Debt-To-Equity Ratio	Net Debt = Total Debt - Cash & Equivalents	Total Equity
Interest Cover	EBIT	Interest Expense
Valuation Toolkit	Numerator	Denominator
Price / Earnings Ratio	Current Share Price	Diluted Earnings Per Share (Basis As Specified)
Price / Book Value	Current Share Price	Shareholders' Equity / Current Basic Shares
Dividend Yield	Annualised Declared Cash Dividend	Current Share Price
Free Cash Flow Yield	Cash Flow From Operations – Total Capex	Market Cap = Current Share Price × Current Basic Shares
Enterprise Value / Sales	EV = Current Share Price × Current Shares + Minority Equity + Net Debt +	Sales
•	Other LT Liabilities	
EV / EBITDA	Enterprise Value	Basic EBIT + Depreciation + Amortization

**Monthod Shis the set of BofA Global Research standard measures that serve to maintain global consistency under three broad headings: Business Performance, Quality of Earnings, and validations. The key features of iQmethod are: A consistently structured, detailed, and transparent methodology. Guidelines to maximize the effectiveness of the comparative valuation process, and to identify some common pitfalls.

Modatabase is our real-time global research database that is sourced directly from our equity analysts' earnings models and includes forecasted as well as historical data for income statements, balance sheets, and cash flow statements for companies covered by BofA Global Research.

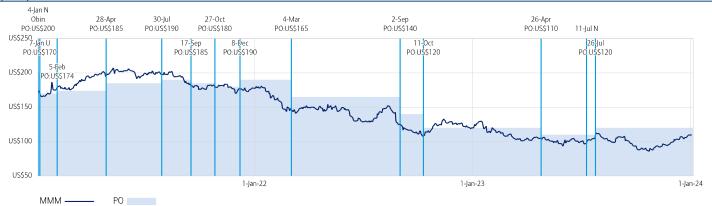
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Disclosures

Important Disclosures

3M (MMM) Price Chart



B: Buy, N: Neutral, U: Underperform, PO: Price Objective, NA: No longer valid, NR: No Rating

The Investment Opinion System is contained at the end of the report under the heading "Fundamental Equity Opinion Key". Dark grey shading indicates the security is restricted with the opinion suspended. Medium grey shading indicates the security is under review with the opinion withdrawn. Light grey shading indicates the security is not covered. Chart is current as of a date no more than one trading day prior to the date of the report.

Equity Investment Rating Distribution: Industrials/Multi-Industry Group (as of 31 Dec 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	45	50.56%	Buy	25	55.56%
Hold	26	29.21%	Hold	13	50.00%
Sell	18	20.22%	Sell	7	38.89%

Equity Investment Rating Distribution: Global Group (as of 31 Dec 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships ^{R1}	Count	Percent
Buy	1895	53.62%	Buy	1083	57.15%
Hold	832	23.54%	Hold	454	54.57%
Sell	807	22.84%	Sell	383	47.46%

RI Issuers that were investment banking dients of BofA Securities or one of its affiliates within the past 12 months. For purposes of this Investment Rating Distribution, the coverage universe includes only stocks. A stock rated Neutral is included as a Hold, and a stock rated Underperform is included as a Sell.

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Investment rating	Total return expectation (within 12-month period of date of initial rating)	Ratings dispersion guidelines for coverage cluster ^{R2}
Pun	> 100%	< 700%

Buy	≥ 10%	≤ /0%
Neutral	≥ 0%	≤ 30%
Underperform	N/A	≥ 20%

Ratings dispersions may vary from time to time where BofA Global Research believes it better reflects the investment prospects of stocks in a Coverage Cluster.

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