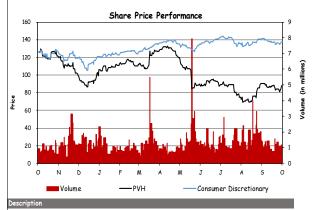
CENTER FOR GLOBAL FINANCIAL STUDIES

PVH Corp.	Symbol: PVH
Analyst	Paul Liguori
Buy below	\$86.22
Sell above	\$120.98
Probability of Price Increase	72%
Last Price	\$87.72
Intrinsic Value	\$96.94
Target Dividends	\$0.16
Target Price	\$107.61



PVH Corp. operates as an apparel company in North America and internationally.

Sector Industry Last Guidance Next earnings date People Chirico, Emanuel, Chairman & CEO Shaffer, Michael, Executive VP and Chief Operating & Financial Of Duane, Francis, Vice Chairman & CEO of Heritage Brands Grieder, Daniel, Chief Executive Officer of Tommy Hilfiger Globa Larsson, Stefan, President Mahoney, Eileen, Chief Information Officer & Executive VP Top Competitors Columbia Sportswear Company Skechers U.S.A., Inc. Ralph Lauren Corporation Luarshared Tare	Consumer Discretionary Textiles, Apparel and Luxur December 11, 2018 November 29, 2019	y Goods	With the closing of more money is now a 2018 and 19. I believ goals of global expan- For the short: <u>1. Growth hinging on</u> As of the newly-upde this price will start t the tap of a finger of Key Catalysts for p • China & US Trade T • Ability to take foot • European marketple Valuation My \$40 price target valuation.
Hanesbrands Inc. DMG MORI AKTIENGESELLSCHAFT			(80%,15%, 5%)
Market Statistics		1	Ownership
Market Capitalization (mil)	\$6,503.89		Shares outstanding (mil)
Last Price per share	\$87.72		Weighted Diluted shares ou
52 week high	\$134.24		Options and Warrants (Sha
52-week low	\$67.41		% shares held by institution
Volatility	31.69%		% shares held by investmen
Daily volume (mil)	1.20		% shares held by hedge fur
Short interest	3.43%		% shares held by VC/PE fir
Days to cover short interest	1.75		% shares held by insiders
Beta	2.57		Poison Pill and Type
Financials			
Profitability	PVH (LTM)	PVH Historical	Peers' Median (LTM)
Return on Capital	4.5%	5.56%	17.09%
Adjusted EBITDA Margin	9.5%	8.34%	12.80%
Return on Equity	10.6%	11.8%	18.5%
Adjusted Net margin	6.0%	6.7%	7.6%
Invested Funds	PVH (LTM)	PVH Historical	Peers' Median (LTM)
Cash/Capital	4.2%	5.0%	23.7%
NWC/Capital	7.7%	6.9%	27.9%
Operating Assets/Capital	55.2%	55.0%	45.2%
Goodwill/Capital	32.8%	32.9%	9.1%
Capital Structure	PVH (LTM)	PVH Historical	Peers' Median (LTM)
Total Debt/(Market Cap.+ Other Claims on Capital)	0.55	0.40	0.31
Minority Interest/(Market Cap.+ Other Claims on Capital)	0.0%	0.0%	0.0%
Preferred Equity/(Market Cap.+ Other Claims on Capital)	0.0%	0.0%	0.0%
CGFS Credit Rating	CCC		В
Credit Rating Model	a- to a		bbb to bbb+
Probability of Default Model	b- to b		bbb-
Likely Current Cost of Debt	3.06%		4.15%
Likely Current Cost of Equity (Cost of Debt + MRP)	10.71%		11.81%
Likely Current WACC	7.82%		9.8%

October 14 201

Investment Thesis

Paae

TRADE TENSIONS AND THE FALL OF BRICK AND MOARTAR STORES

I am initiating coverage of PVH with a BUY at market price (\$87.72) and a \$100 price target. PVH holds name-brand companies such as Tommy Hilfiger and Calvin Klein, as well as lower-end names such as Izod, Van Heusen, Speedo, and Arrow. Through increased control of it's brands through multi-worldwide acquisitions, a high initiative to pay off debt with FCF, and stable management PVH has created a name that is sure to sustain growth in an ever-so-depleating and confusing field of operation that is clothing, even through high investor inconfidence in China and the EU.

For the long:

1. New Growth Opportunities into large market sectors:

With new outlook ventures to grow their business among Chinese and Latin American marketplaces, PVH's Heritage brands are set to make a great difference to their ever-so-changing business model. Due to big box store slowdown (especially within Macy's and JCPenny) slowing the revenue growth of TH and CK lines, the potential held within the consumer friendly price range can be more appealing to the ever-so-growing marketplace that is gen X and Y.

2. Reinvesting into slowing brands:

With the closing of the Calvin Klein flagship store in NYC, a larger inflow of cash is now available to re-align themselves into a "digital-first" approach. This will include a reorganization of its North American division, combining operations in sportswear and jeans, as well as its higher-end Calvin Klein 205W39NYC business, relaunching with a new name and creative direction. This may cause a period of consumer volatility due to the uncertianty of this decision, but with good leadership, and a clear vision I believe this will grow PVH to the top.

3.<u>A high intitiative to pay off debt:</u>

With the closing of the Flagship store in NYC as well as the ending of the "Collection" from their CK line, y is now available to attack debt obligations from global acquisitons and licensing agreements from 9. I believe this will create an opportunity in the long-run to allow PVH to continue to reach their bal expansion into new marketplaces.

ort:

<u>ninging on the stages of Chinese trade deal conversation:</u>

newly-updated trade deal on Friday, the 11th, prices soared over 5%. Keep a close eye to how fast vill start to creep back to its intrinsic value, and towards the target price of \$100. However, with a finger on twitter, trade tensions can be re-lifted.

sts for price change

IS Trade Tensions

- take foot in Latin America and Chinese markets
- marketplace and Brexit

ice target is derived from Discounted Unlevered Free Cash Flow, Forward P/E, and Asset Based

	Change in Owne	rship (over the past "Number" month		
	74.14			
outstanding (mil)	76.05			
ares equivalent)	0.30			
ons	104%	121.25%		
nts Managers	83%	78.06%		
nds	12.34%	10.50%		
rms	0.832%	0.83%		
	0.75%	0.00%		
	NONE			
	Quarterly Earning Surprises (Ac	tual/Median Estimates)		
	Revenue	Last 5 quarters		
	8/5/2018	\$9334.8 (2.1%)		
	11/4/2018	\$10098 (-0.3%)		
	2/3/2019	\$9936 (3.2%)		
	5/5/2019	\$9425.2 (-0.6%)		
	8/4/2019	\$9456.8 (1.6%)		
	History:	Last 10 years		
	Mean Surprise	0.87%		
	99th percentile "surprise" range	-2% to 4%		
	EBITDA	Last 5 quarters		
	8/5/2018	\$1244.4 (-2.8%)		
	11/4/2018	\$1432 (-3.2%)		
	2/3/2019	\$1033.6 (-3.7%)		
	5/5/2019	\$1547.6 (10.4%)		
	8/4/2019	\$1231.6 (5.8%)		
	History:	Last 10 years		
	Mean Surprise	-5.91%		
	99th percentile "surprise" range	-32% to 21%		

CENTER FOR GLOBAL FINANCIAL STUDIE	5	PVH		Monday, (October 14, 2019	Page 2
PVH Corp.	Symbol: PVH		Cost of Capital Estimates			_
Analyst	Paul Liguori			CGFS Credit Rating	Credit Rating Model	Probability of Default ModelModel
Buy below	\$86.22		Implied Cost of Borrowing (PVH)	5.3%	4.2%	6.5%
Sell above	\$120.98		Implied Cost of Borrowing (Peers)	4.9%	4.4%	5.2%
Probability of Price Increase	72%			Base Year	Explicit Period (5 years)	Continuing Period
Last Price	\$87.72		Cost of New Debt Estimate	3.07%	4.0	0% 4.00%
Intrinsic Value	\$96.94		Country Risk Premium Estimate	6.30%	6.3	0% 6.30%
Target Dividends	\$0.16		Cost of Equity Estimate	9.37%	10.3	0% 10.30%
Target Price	\$107.61		WACC Estimate	6.47%	7.3	
Forecast Assumptions						
Fiscal Year	Revenue Growth	EBITDA Margin	CAPEX/Revenue	DPR/CAPEX	Other	
Base Year (Actual)	9,31%	10.8%	3,9%	0.88	SBC/Revenue	0.59%
year 1	2,14%	16.9%	3.9%	0.92		Constant/same as LTM
year 2	2,75%	12.9%	3.9%	0.91	Lease term	10
year 3	3,19%	13,1%	3.8%	0.90	Rent Expense/Revenue	6.60%
year 4	2,61%	12,5%	4.0%	0.91		Tappers off to historical average
year 5	2.64%	12.6%	4.0%	0.92	R&D life	10
year 6	6,30%	10,9%	3.6%	0.91	R&D Expense/Revenue	0.00%
year 7	2.70%	10.9%	3.2%	0.92		Constant/same as LTM
	2.31%	10.9%	2.8%	0.92	LIFO Reserve	Tappers off to zero
year 8	2.31%	10.9%	2.8%	0.94		Tappers off to zero
year 9	1,50%	10.9%	2.4%	0.96	Non-operating pension costs	
year 10					Net financing pensions costs	Tappers off to zero
year 11	1.24%	10.9%	1.7%	1.00	Overfunded pension plans	Tappers off to zero
year 12	0.98%	10.9%	1.4%	1.00	Capitalized interests	Constant/same as LTM
year 13	0.73%	10.9%	1.1%	1.00	Dividends/Revenue	2.23%
year 14	0.47%	10.9%	0.8%	1.00	Tax Rate	15.56%
year 15	0.22%	10.9%	0.5%	1.00		
Continuing Period	2.52%	10.9%	3%	1.00		
Simulation Assumptions						
Random Variables	Distribution Assumption	MAX	Likelly	MIN	Sensitivity: Price Vari	ance Attribution Analysis
Deviations in annual Revenue GrowthExpl. Per.	Triangular	6.83%	0%	-2.61%		, Revenue growth
Deviations in annual Revenue GrowthCont. Per.	Normal	1.52%	0%	-1.52%	•	5
Deviations from EBITDA Margin base annual estimates	Triangular	2.63%	0%	-0.78%	17.16%	EBITDA Margin
Deviations from CAPEX/Revenue base annual estimates	Triangular	0.76%	0%	-0.24%		56.95% CAPEX/Rev
Deviations from Kd base annual estimates	Triangular	2.45%	0%	-1.16%	16.62%	Discount Rate
Deviations from CRP base annual estimates	Triangular	3.17%	0%	-0.57% 0.00%		TEV/Rev
Deviations from TEV/Revenue base estimate	Triangular	0.79	0%	-0.15		TEV/EBITDA
Deviations from TEV/Revenue base estimate	Triangular	4.26	0%	-1.54		
Change in P/BV (TTM)	Triangular	2.22	0%	-0.24		P/BV
Change in P/E (FW)	Triangular	7.00	0%	-4.87		P/E
Recovery Rate	Triangular	10.00%	0%	-10% 2.93%		Asset Recovery Rate
Valuation			_			
DCF Valuation				Intrinsic	Value DistributionProba	ability (Upside)=71.7%
	Base	Explicit Period (Average)	Continuing Period			
Revenues	\$9,729.00	\$11,684.94	\$13,403.17			
EBITDA Margin	9%	12%	11%			
UFCF	\$438.41	\$1,061.27	\$983.22			
WACC	6.47%	7.34%	7.34%			
ROIC	4.50%	7.45%	6.88%			
Relative Valuation						
	Median Justified Multiple	Basis	Implied Equity Value			
EV/Rev (FW)	1.3x	\$9,860.99	\$5,075.07			
EV/EBITDA (FW)	9.2x	\$1,588.37	\$6,599.05	19A 19 10 AV 10 0 00 00 00 00 00 00 00 00 00 00 00 0	319 139 163 58 012 30 00	12 51 0 13 20 51 8 51 5 32 5 5 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
P/BV (TTM)	2.6x	\$5,993.62	\$15,824.30	\$2° \$2° \$1° \$1" \$21°	\$\$° \$\$° \$\$' \$9' \$1' \$1' \$1' \$1' \$1'	1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 &
P/E (FW)	13.6×	\$1,014.91	\$13,795.36			
1						
Asset Based Valuation			Valuation Summary	Intrinsic Value	Target Price	Model Weight
Recovery Rate	60%		DCF Valuation	\$ 88.87	•	•
Capital	\$15,279.12		EV/Rev (FW)	\$ 66.47		
Intangibles	\$7,461.10		EV/EBITDA (FW)	\$ 86.43		
Claims	\$9,811.47		P/BV (TTM)	\$ 207.25		
Implied Equity Value	\$0.00		P/E (FW)	\$ 180.68		
, _1,	+		Asset Based Valuation	\$ -	\$ (0.	
			Price per Share	\$ 98.20		
				÷ 20,20	- + 100.0	