

Pallet Tape Time Study

A 2,000 garment time study comparing the material and labor costs of the PMI Dual-Tack Pallet Tape vs. water-based adhesive and spray adhesive. The pallets are 16" X22" and the labor rate is \$15/hour.

		PMI Dual-Tack Pallet Tape	Water-Based Adhesive & Paper Pallet Tape	Spray Adhesive & Paper Pallet Tape	Spray Adhesive Only
Application	Material Cost of Pallet Tape	58 Pallets per Roll at \$49/Roll = \$0.85/Pallet	163 Pallets per Roll at \$50/Roll = \$0.31/Pallet	163 Pallets per Roll at \$50/Roll = \$0.31/Pallet	N/A
	Labor Cost of Pallet Tape Application	42 Seconds = \$0.18/Pallet	42 Seconds = \$0.18/Pallet	42 Seconds = \$0.18/Pallet	N/A
	Material Cost of Adhesive for Initial Application	\$0	2000 Pallets per Gallon at \$40/Gallon = \$0.02/Pallet	72 Pallets per Can at \$6.52/Can = \$0.09/Pallet	72 Pallets per Can at \$6.52/Can = \$0.09/Pallet
	Labor Cost of Initial Adhesive Application	\$0	21 Seconds = \$0.09/Pallet	8 Seconds = \$0.03/Pallet	8 Seconds = \$0.03/pallet
Running	Material Cost of Adhesive Applied Every 200 Garments	\$0	\$0.02 per Pallet X 9 Applications = \$0.18/Pallet	\$0.08 per Pallet X 9 Applications = \$0.72/Pallet	\$0.08 per Pallet X 9 Applications = \$0.72/Pallet
	Labor Cost of Adhesive Applied (or Lint Wiped Off with Dual-Tack Pallet Tape)	8 Seconds per Lint Wipe-Off X 9 Lint Wipe-Offs = \$0.30/Pallet	21 Seconds per Adhesive Application X 9 Applications = \$0.81/Pallet	8 Seconds Seconds per Spray Application X 9 Applications = \$0.30/Pallet	8 Seconds per Spray Adhesive Application X 9 Applications = \$0.30/Pallet
Removal	Labor Cost to Remove Pallet Tape	4 Seconds = \$0.02/Pallet	12 Seconds = \$0.05/Pallet	12 Seconds = \$0.05/Pallet	30 Minutes = \$1.25/Pallet
Total Price Per Pallet		\$1.35	\$1.64	\$1.68	\$2.39
Total Time Per Pallet		1.97 Minutes	4.40 Minutes	2.23 Minutes	2.42 Minutes