



A NEW ERA FOR  
THE **WOODEN PALLET**  
HAS BEGUN



THE  
point**GUARD**<sup>™</sup>

# PROTECT YOUR PALLET DEFEND THE PRODUCT

Introducing The pointGUARD™, an innovative plastic shield system that extends the lifespan of wooden pallets by 400% or more. The pointGUARD™'s specially designed protection system is proven to reduce forklift damage to wooden pallets in common high-impact areas. With a simple change, The pointGUARD™ can save your business money and make your operation more efficient. Read on to find out how you can reduce the expense and hassle of pallet breakage with The pointGUARD™.



We know The pointGUARD™ extends the lifespan of wooden pallets, but we wanted to prove it.

We had Virginia Tech University's Center for Unit Load Design perform comprehensive tests to find out just how much more life you can expect from your pallets while using The pointGUARD™. These comprehensive tests prove that The pointGUARD™ increases pallet durability, and extends pallet lifecycle by 5 times over pallets not using The pointGUARD™.

# EXTEND THE LIFE OF A PALLET BY 5 TIMES OR MORE

## Durability Test ASTM 1185

*The Center for Unit Load Design's first round Durability tests measured pallet protection, impact resistance and strapping pull-up resistance on pallets equipped with The pointGUARD™ versus control pallets.*

Results showed that The pointGUARD™ consistently increased lead board durability by 100% against force [FIGURE 2]; durability against strapping damage by over 100% [FIGURE 3]; and boosted block durability by an incredible 400%! [FIGURE 1]

Estimated Kinetic Energy of Impact at Pallet Blocks During Incline Impact Testing Using Reinforced Pallets

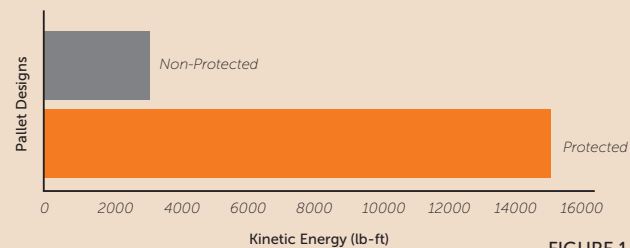


FIGURE 1

Estimated Kinetic Energy of Impact of Pallet Lead Boards During Incline Impact Testing

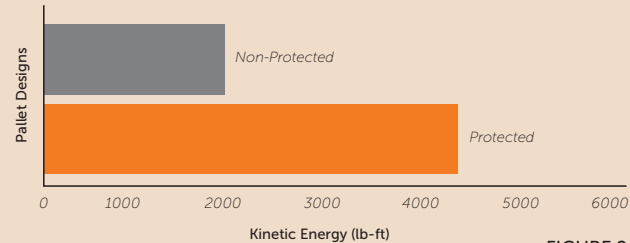


FIGURE 2

End Board Pull-Up Resistance Against Strapping During Unitizing

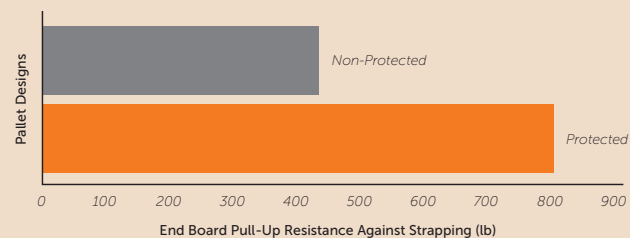


FIGURE 3



## Life Cycle Test

FasTrack

In second phase testing, The Center for Unit Load Design measured the real-world lifecycle of pallets protected by The pointGUARD™. This test simulated the rough handling that pallets typically face during daily use in a work environment, including idle pallet storage, palletizing, shipping, transport, receiving as well as static rack, flow rack and block stacking storage.

Results from this phase showed that on average The pointGUARD™ increased the lifespan of standard wooden pallets by 420%.

- Pallets without protection averaged just 5.7 cycles before initial damage and 11.3 cycles before pallet failure. [FIGURE 6]
- Pallets with the pointGUARD™ averaged 9 cycles before initial damage and 58.9 cycles before pallet failure. [FIGURE 6]
- 9 out of 10 pointGUARD™s were useable after the pallet failed (only minor scuff marks by end of testing)! [FIGURE 6]

Non-Protected Control Pallet Design											
Sample Number	1	2	3	4	5	6	7	8	9	10	Average
Number of FasTrack Cycles Until Initial Damage	4	6	3	9	4	7	2	3	4	13	5.5
Number of FasTrack Cycles Until Testing Ceased	5	14	3	14	11	19	2	8	10	27	11.3

FIGURE 4

Protected Control Pallet Design											
Sample Number	1	2	3	4	5	6	7	8	9	10	Average
Number of FasTrack Cycles Until Initial Damage	10	8	10	20	11	1	4	6	12	8	9.0
Number of FasTrack Cycles Until Testing Ceased	37	78	15	37	58	41	90	88	70	75	58.9

FIGURE 5

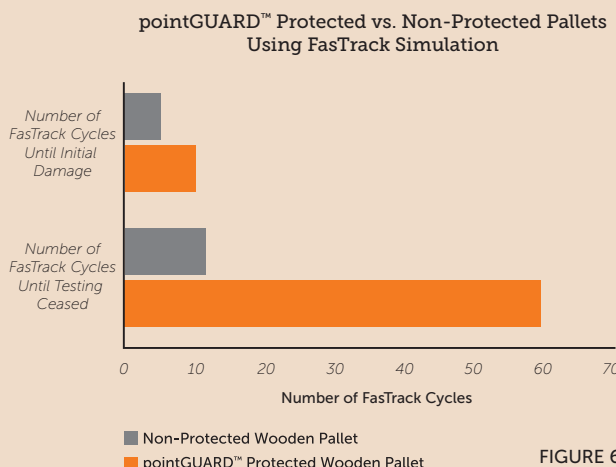


FIGURE 6

Wooden pallets are the industry standard, but anyone who uses them will tell you that they have a short lifespan. When pallets fail, repair and replacement can cost you time, money and—if they fail at the wrong time—even products.

The pointGUARD™ gives you the durability of a plastic pallet at the amazingly low price-point of wood. The pointGUARD™ was designed by industry experts to reduce the hassle and expense of continual pallet repair and replacement for businesses like yours. This simple and reusable shield system has been proven to extend the lifespan of existing wooden pallets by 400% or more.

With The pointGUARD™, you can greatly increase turn or cycle usage for your existing pallets and slash your yearly repair and replacement costs.

# HERE'S HOW THE pointGUARD™ CAN HELP YOU

### Save Money

Reduce pallet repair and replacement costs by up to 80%

### Go Green

Made with 100% recycled plastic, it significantly reduces the need for repair and replacement of the pallet

### Defend Your Products

Eliminate product damage loss caused by strapping and top lead board damage

### Increase Worker Efficiency

Take away the distraction of constant repetitive pallet repair

## CONTACT US

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point**GUARD**<sup>™</sup>

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**THE**  
point**GUARD**<sup>™</sup> is patent pending.

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