

# **Bundle Packaging Delivers Optimal Solution**

MDI has received overwhelmingly positive feedback on its expanded use of bundle packaging for Pop-ups, Jumbo Rolls, Multipack Rolls and Tote Boxes. Bundling in heavy duty, recyclable shrink-wrap is the preferred alternative to outer corrugated cartons. This innovative approach to packaging is part of our sustainable business practices to conserve natural resources and reduce waste and energy consumption.

At MDI, we believe in responsibly using resources for the benefit of future generations. We strive to conduct our operations in a manner that minimizes environmental stress and creates a safe and healthy workplace for our employees.

As The Wiper Specialists®, our ongoing investments in innovative solutions such as bundle packaging are driven by a passion to operate sustainably, deliver industry-leading products and provide unparalleled service.



## Sustainability Through Responsible Business Practices:

#### **PROCURE RESPONSIBLY**

- Procure environmentally preferable raw materials as available, such as 40% post-consumer recycled and biodegradable
- Use SFI®-certified corrugated suppliers
- Source domestically and use rail transport to obtain the highest quality service with the fewest emissions
- Work with mill partners to repurpose parent roll material unsuitable for other industries into wiping product – diverting the material from the waste stream

#### **OPERATE CONSCIENTIOUSLY**

- 325.5 kW rooftop solar array with 1,302 PV solar panels generates over 400,000 kWh each year, supplying 50% of MDI's power from the sun and reducing our carbon footprint by 560 tons of CO<sub>2</sub> annually
- Zero waste to landfill: 100% of office and production waste is either recycled or used to make electricity
- Empty production roll cores go through multiple reuse before being recycled
- Rugged computing devices and e-documentation throughout the facility reduce paper usage

#### MANUFACTURE EFFICIENTLY

- Production machinery regularly upgraded to run efficiently over fewer shifts
- Facilities outfitted with motion-sensors and newly installed LED lights maximizing efficiency and eliminating the equivalent of 240 tons of CO<sub>2</sub> annually
- Lift trucks powered by rechargeable batteries have replaced propane power reducing material handling energy use by 30% and improving workplace air quality

### **PACKAGE OPTIMALLY**

- Develop smart and innovative products that cut waste by right-sizing wipers for packaging, palletization and end use
- Design packaging with minimal footprint and optimize palletization for increased loadability and reduced fuel use
- Industry-leading use of recyclable shrink-wrap in place of outer corrugated cartons to drastically reduce waste









