



*Aerodynamic solutions for safety,
durability and fuel economy*

The one and only
mud flap verified by

Learn more about ...
SmartWay
www.epa.gov/smartway

Eco Flaps

***Designed with performance in mind.
Accept no substitutes.***



Stay safe, save time, improve the bottom line with **Eco Flaps®**.

As the trucking industry continually adapts to new challenges, several key issues remain a concern:



Fuel Cost



Equipment Performance



Highway Safety



Driver Satisfaction & Retention



Compliance

Eco Flaps® provide a simple, cost-effective solution for each of these challenges.



What are **Eco Flaps®**?

Eco Flaps® are patented, SmartWay-verified aerodynamic splash guards manufactured from high-impact nylon. Invented by a trucker who was looking for a solution to rainy day road spray, these innovative parts have surpassed their initial intended purpose to become an industry leader in the movement toward better fuel economy, reduced maintenance, and safer roads.

The Eco Flaps® Solution

65MPH Road Spray Comparison

Conventional



Aeroflaps



Röchling



Eco Flaps



Increased safety

- This flow-pattern feature significantly reduces road spray when compared to traditional mud flap design.
- By directing water to the pavement instead of into the air, Eco Flaps® drastically reduce the dangerous cloud of road spray that impedes a driver's line of sight on wet roads.
- Eco Flaps® play a critical role in making roads safer for both drivers and surrounding motorists.



Fuel savings

- Molded, wing-shaped channels move air and water through the **Eco Flaps®** ventilated surface to reduce drag.
- **Eco Flaps®** have been proven to pay for themselves with fuel savings in a relatively short time frame.
- **Eco Flaps®** are the **ONLY** splash guards to have the distinction of being SmartWay verified and can provide a simple, cost-effective means toward compliance with the new Phase II GHG regulations.

Test report with skirts (28-ft double trailer)



2.40
gal/1000miles

0.19
MPG

2.10%



2.07
gal/1000miles

0.17
MPG

1.85%



4.45
gal/1000miles

0.35
MPG

3.90%



Increased durability for enhanced performance

- **Eco Flaps®** are made of high quality, impact resistant nylon polymer, making them virtually indestructible and tolerant of extreme road and weather conditions.
- They have been impact-tested to withstand temperatures from -200 F to +200 F without cracking, breaking, or melting!

How much are your
mud flaps costing you?



Eco Flaps® advantages & features:

In addition to cutting fuel costs, improving vehicle performance and promoting highway safety, Eco Flaps® feature a number of additional benefits.



Easy installation

Eco Flaps® are interchangeable with your current mud flaps and don't require additional equipment or hardware.



Quality guaranteed

All Eco Flaps® are backed by a full **2 year warranty**.



Environmentally conscious

Reduced fuel consumption can also reduce truck emissions by 400,000 CO2 tons annually to dramatically reduce a vehicle's carbon footprint.



Sizes & styles that fit your fleet

Eco Flaps® are available in 24" and 18" widths and several lengths for tractor and trailer applications and meet all DOT requirements. Eco Flaps® are also available in custom colors, with custom graphics or logos, and can fit any bracket size or style.



Distribution network

We have relationships with the major truck and trailer manufacturers and can ship or deliver to all OEMs.

EcoCaps
Snap. Save. Simple.



Add Eco Caps and make saving more simple

Eco Caps aerodynamic wheel caps are proven to save fuel and feature:

- Easy installation, easy removal (no tools needed)
- Lightweight material
- Strongest, most durable wheel caps available (the most affordable too!)

Proven Results From 3rd Party Testing

Over the course of several years, Eco Flaps has invested over \$400,000 in rigorous 3rd party testing.

SmartWay Verification | CARB Verification | GHG 2 Verification

		Results
	Product Tested: Eco Flaps Location: San Angelo, TX	*1.1% fuel savings *Results achieved on tractor pulling double trailers
	Product Tested: Eco Flaps Location: Indianapolis, IN	1.26% fuel savings with unskirted trailer 0.96% fuel savings with skirted trailer
	Product Tested: Eco Flaps Location: East Liberty, OH	3.3% fuel savings with unskirted trailer 2.3% fuel savings with skirted trailer
	Products Tested: Eco Flaps + Eco Caps Location: Ontario, CAN	1.20% fuel savings
	Products Tested: Eco Flaps + Eco Caps Location: Pecos, TX	Saved 1.27 gal/1,000 miles
Third Party Test Organization	Product Tested: Eco Flaps Location: San Antonio, TX	*1.25% fuel savings *Results achieved by using only 2 Eco Flaps on the trailer per SmartWay testing protocol





"We had a mud flap problem until we switched to Eco Flaps."

- Mike Eggleton, Jr.,
Vice President, Raider Express



"Eco Flaps passed Mesilla Valley fuel tests with flying colors."

- Royal Jones,
Co-Owner of Mesilla Valley Transport



"Eco Flaps help to enhance safety while reducing fuel consumption."

- Max L. Fuller,
Chairman & CEO, U.S. Xpress, Inc.

Get in on the experience.



Fuel Cost



Equipment
Performance



Highway
Safety



Driver
Satisfaction &
Retention



Compliance



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