

ECO-FLEX™ RTPV



Target Markets & Applications



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ECO-FLEX RTPV

Benefits

- **No Compounding Required**
- **Rubber Performance**
- **Lower Finished Part Cost**
 - **Faster Cycles**
 - **Recyclability of Scrap**
 - **Lower Specific Gravity**
- **Design Flexibility**
- **Use of Post-Consumer Recycled Rubber**
- **Easily recyclable**
- **Minority Content**

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ECO-FLEX RTPV TARGET MARKET SEGMENTS

- **Automotive**
- **Consumer Goods (Appliance/
Hardware/Lawn & Garden/Recreation)**
- **Sheet Goods**
- **Polymer Blends**

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ECO-FLEX RTPV TARGET COMPETITIVE MATERIALS

Thermosets

- Natural Rubber
- SBR Rubber
- EPDM

TPEs

- Soft TPOs (< 500 psi FM)
- SBS Block Copolymers
- TPVs

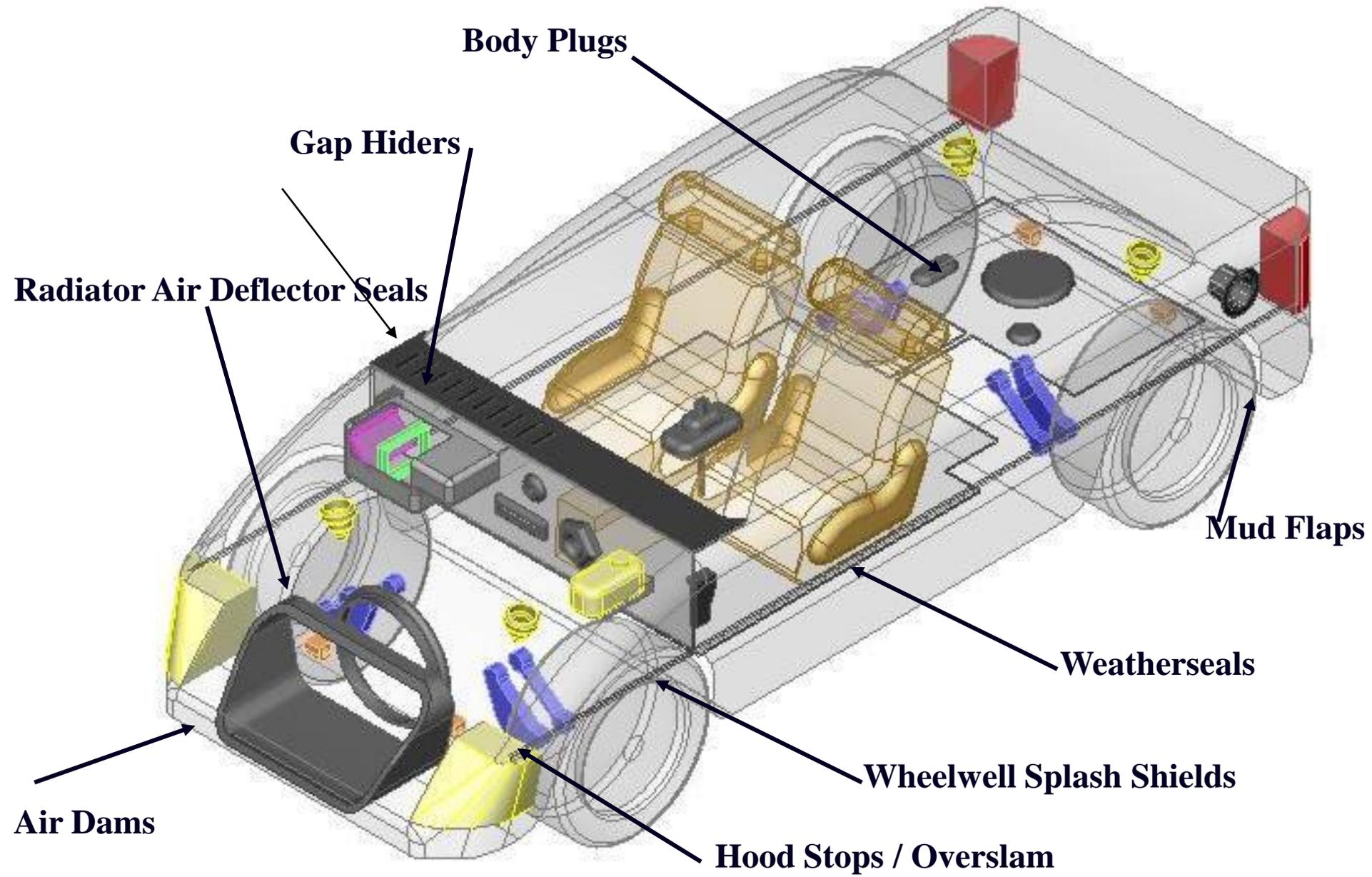
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ECO-FLEX RTPV TARGET APPLICATIONS

Automotive:

- Air Dams, Chin Spoilers, Bumper Extensions
- Radiator Air Deflectors, Mud Flaps, Splash Shields
- Grommets, Bumpers, Body Plugs, Brake Pedal Pads
- Cowl Screens, Gap Hiders
- Strut Cover Caps, Dust Covers

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BRAKE PEDAL PAD

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THERMOFORMED SPLASH SHIELD

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MUDFLAP

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BODY PLUG

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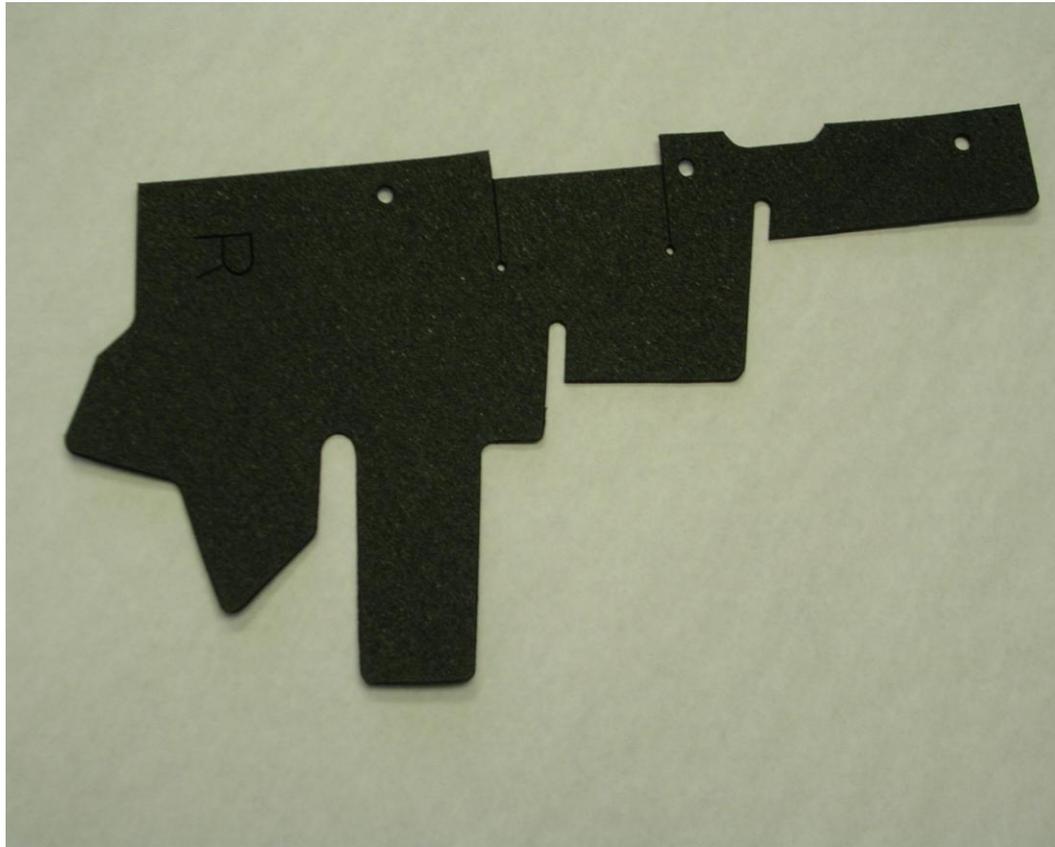
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STRUT DUST COVER

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DIE CUT RADIATOR AIR DEFLECTOR

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DIE CUT/LAMINATED FOAM ACOUSTICAL PAD

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Consumer Goods:

- **Wheels and Rolls (Casters/Lawn Mower/Dryer)**
- **Grips**
- **Floor Tiles**
- **Pipe couplings, Toilet Flapper Valves, Plungers**
- **Appliance Bumpers, Mounts, Feet**

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LAWN MOWER WHEEL

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BOAT LIFT ROLLER

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CROWBAR GRIP

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FLOOR TILE

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TOILET FLAPPER VALVE

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PLUNGER

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Sheet Goods:

- **Roofing Membranes**
- **Matting (anti-fatigue, fitness, flooring)**
- **Die Cut Gaskets, Anti-vibr./skid Pads**
- **Industrial Liners (Cargo, Wall, Tank, Pond)**

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GOLF CART FLOORING

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ROOFING MEMBRANE

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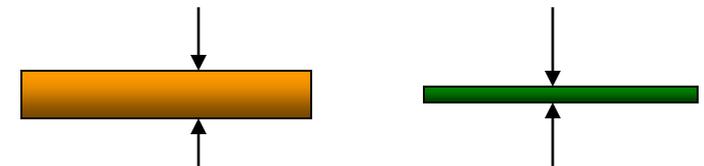
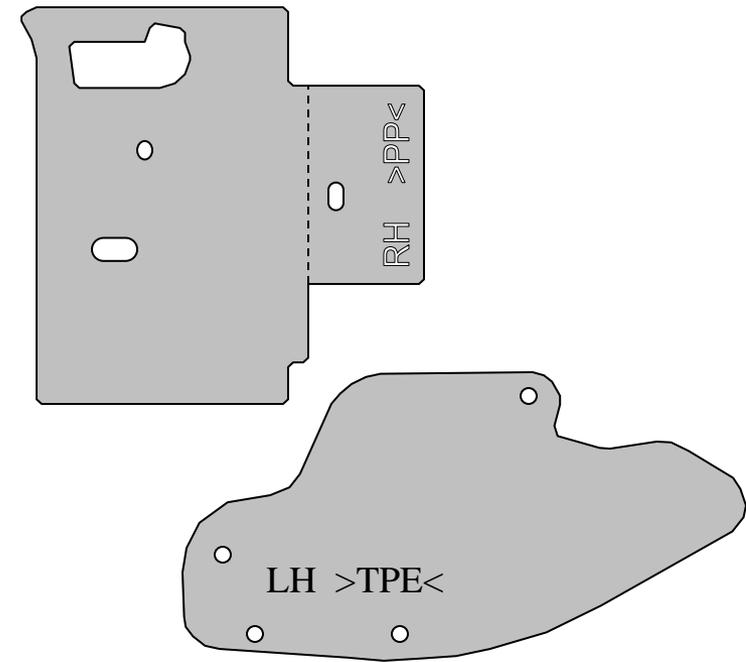
DIE CUT GASKETS

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All Die Cut Parts

- Benefits
 - Aesthetically Pleasing
 - Recycle Content Product “Green” Initiatives
 - Recyclable
 - Can be Thermoformed
 - Reduced Part Weight 1/3 to 1/2 The Thickness with same performance as Thermoset Rubber.
3-5mm can be 1.5 - 2.0mm
 - Potential Impact : 30 - 50% Cost Reduction Vs. Thermoset Rubber



Rubber Thickness Vs. ECO-FLEX

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ECO-FLEX RTPV TARGET APPLICATIONS

Polymer Blends:

ECO-FLEX RTPV is Fully Compatible With Virgin Olefinic Polymers Such as Polypropylene and Santoprene and Can Be Blended At High Levels (30-50%) For Impact Modification and/or For Cost Savings (20-50%)

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