



BRIGHT

ideas for automotive lighting

**Coroplast
7300 & 7400 series**

UHMW-PE sliding
adhesive tape
solutions

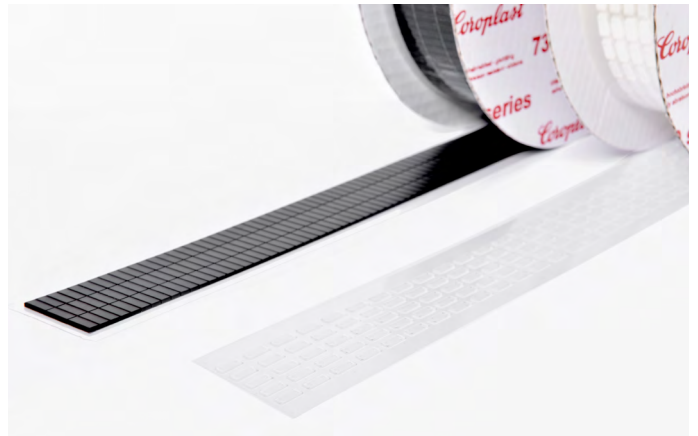
Coroplast
— tape

Ultra-high-molecular-weight polyethylene

and Coroplast Tape's solutions benefiting from it

What is UHMW-PE?

Polyethylene with an average molar mass of 6000 kg/mol is called UHMW-PE (ultra-high-molecular-weight polyethylene). This material is characterized by the strength of its durability and abrasion resistance while also providing a sliding effect due to its smooth surface properties. UHMW-PE is used in multiple industries where long life, durability and high abrasion resistance against recurring stress is required.



Common challenges in the automotive industry

Due to tight tolerances both OEM and Tier suppliers are facing several challenges. Chief among them is ease of assembly with standard gap filling pads gripping, tearing and failing. Where standard pads with high abrasion fall short, Coroplast tape can supply customized permanent solutions.

Benefiting from UHMW-PE, we can provide a highly abrasion resistant, sliding assembly aid to not only fill gaps but provide additional value-added solutions and benefits.

Solutions and benefits

Gap filling

- › Gap filling and spacer to help compensate for variations in tolerances
- › Damage protection through rattle abrasion resistance
- › Decreased road noise through rattle dampening
- › Corrosion prevention in wet areas due to reduced abrasion
- › Total solution provider for customized die-cut UHMW-PE tape parts

Sliding effect for optimized production processes

- › Installation aid for faster and more efficient assembly
- › Sliding effect reduces abrasion and damage to car body parts during installation
- › Prevention of car body paint damage during installation
- › Increased durability of sliding pad eliminates re-work downtime due to pad damage and need for replacement

Additional facts and benefits

Coroplast 7300 & 7400 series – UHMW-PE
adhesive tape solutions

OEM

approvals

Made for outdoor

UV, water and temperature resistant

10+

product variations available and growing

Stiff or flexible

to match nearly every kind
of surface & geometry

Noise reduction

provided through rattle dampening

Value added solutions

to provide opportunities to increase
quality with unique product offerings

Protection

against corrosion and rust in wet areas

Thickness Variation

according to customer requirements





Reach out to us

for additional solution information

→ www.coroplast-tape.com/en-us/uhmw-pe

Coroplast Tape Corporation

1230 Galleria Boulevard
Rock Hill, South Carolina,
29730, USA

T +1 803 2078 334
info-us@coroplast-tape.com
www.coroplast-tape.com/en-us



Coroplast
—
tape