CRADL BY EAST SLOPE ENGINEERING

STOP WRAPPING PARTS

3D-printed inserts shaped to each part you make, from your machine to your customer's dock. Reusable where parts come back. One-way where they don't.



RENDER Four Cradl trays and a lid, printed in PETG.

60–74%* LESS PACKING TIME, START TO FINISH

50–66%* LOWER PACKING COST PER ROUND TRIP

0 PARTS TOUCHING: EVERY PART IN ITS OWN POCKET

*Estimates, not guarantees, vs hand-wrapping in paper and two layers of bubble, parts about 1.5–5 in (chart: the parts shown), local trips to an outside process; includes packing at your vendor; spreads insert and tote cost over their service life; excludes one-time setup.

ONE INSERT, EVERY STOP

01
YOUR SHOP
Off the machine, into the insert.

02
OUTSIDE PROCESS
Plating, anodizing, heat treating, coating, NDT.

03
YOUR SHOP
Inspection, assembly, and WIP.

04
END CUSTOMER
Ships in an insert they keep.

REUSABLE ——— ONE-WAY - - - - - - - - - - -

TWO WAYS TO ORDER

Mix both on one part number

REUSABLE
DURABLE TPU

For legs that come back.

- Out to every outside process and back
- Between operations, inspection, and assembly
- An estimated **50–66%*** lower packing cost per round trip to plating, anodize, or heat treat

ONE-WAY
PETG

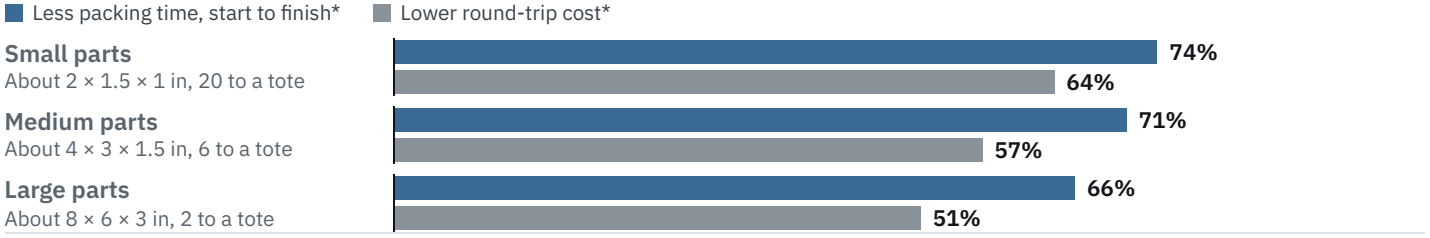
For the shipment that doesn't come back.

- Ships with the part. Your customer keeps it.
- **60–74%*** less packing time on the final shipment
- Replaces paper, bubble wrap, and void fill

Need a part, not a Cradl? We also print custom parts and cut gaskets to your drawing.

SAVINGS BY PART SIZE

One outside process, at a typical machinist labor rate



HOW AN ORDER WORKS

01
Send your STEP file
Plus quantity and a photo of how you pack it today.

02
We design it
Pockets shaped to your part. Tote sized to the job.

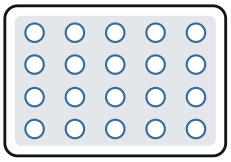
03
First-article fit check
We ship you the first insert to try on your part. Then you sign off.

04
We print the run
Reusable, one-way, or both, from one tote up.

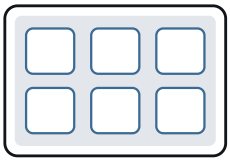
05
Pack, ship, reuse
Worn inserts get reprinted from the same file.

ONE TOTE, ANY COUNT

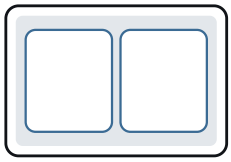
Per 16 × 11 in tote, one layer, parts up to about 4 in tall



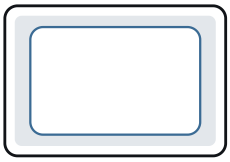
20 PER TOTE
About 2 × 1.5 × 1 in



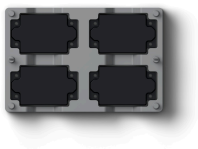
6 PER TOTE
About 4 × 3 × 1.5 in



2 PER TOTE
About 8 × 6 × 3 in



1 PER TOTE
Up to about 10 × 8 in



4 PER TRAY
6 × 4 in tray shown



EXPLODED VIEW Four trays of four parts, one pocket each.

WHY IT BEATS WRAP

Held by its own shape
Every part in its own pocket. No part touches another.

Nothing to shed
No paper dust, bubble scraps, or tape residue.

Counts itself
A full tote is the right count. No hand counting.

Less to stock
No bubble or kraft rolls for the round trips.

PAYS BACK FASTEST

- Repeat part numbers shipped weekly or more
- Parts that go out for plating, anodizing, heat treating, coating, or NDT
- WIP moving between operations and inspection
- Finished or cosmetic surfaces to keep apart in handling
- Customers who flow down FOD and handling rules (AS9146, NAS 412). Cradl isn't certified to either; it supports your FOD program.

MADE TO ORDER

Soft-touch pockets
Softer plastic against the part.

Your logo printed in
Your name on every delivery.

Static-dissipative PETG
Fiberon™ PETG-ESD. Verify in your ESD program.

Mixed kits
Different parts in one tote.

Trackable
Color and QR code by job.

Reprints
Reprinted from the same file.

Any tote size
Printed to 12 in, or stock.

Any run size
One tote or thousands.

TRY IT ON ONE PART NUMBER

We design a Cradl for one part you run now. The first one gets a first-article fit check (not an AS9102 FAI report), and you sign off before we print the rest. Then you pack real orders with it while we time your packing before and after.

info@eastslopedefense.com

SCAN TO SEND A PART