



OPTICS & PHOTONICS PACKAGING

STANDARD AND CUSTOM SOLUTIONS TO PROTECT
HIGH VALUE OPTICS AND PHOTONICS IN HANDLING AND TRANSIT.

EXPRESS - OFF THE SHELF - QUICK TURN SOLUTIONS - ANY QUANTITY

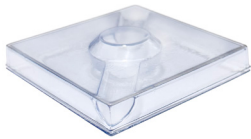
MANUFACTURING CAPABILITIES

- 5 inline thermoformers- high volume
- 5 sheet fed thermoformers – low volume, thin or thick gauge
- Die cutting, in line and off line
- 2 CNC routers- Delrin tooling and precision machined plastic parts/ fixtures
- 2 CNC Mills- aluminum tooling
- Clean room- clean and bag packages to specifications
- 3 – 3D Printers -prototyping



MATERIAL SELECTION

THERMOFORMED PARTS



Static Dissipative PETG

- Good clarity
- Static dissipative 10^9 - 10^{11}
- Not humidity dependent
- Unlimited shelf-life



Inherently Dissipative PETG

- Inherently Static Dissipative
- Humidity insensitive
- Ultra-clean: low outgassing and low ionic contamination



PETG

- Low outgassing
- Exceptionally clear
- Easily recyclable
- Great chemical resistance

MACHINED PARTS



◀ **Conductive UHMW** is specially formulated with electrically conductive properties with surface resistivity in the 10^3 - 10^6 ohm/square range.

UHMW & Conductive UHMW

- A lightweight alternative to metal
- Low friction surface that prevents sticking and binding
- Impact, chemical and wear resistant
- Machines very easily into any desired shape

Service

Express - Off the Shelf
Quick Turn Around
Any Quantity

Engineered Solutions

Dust and Static Elimination
Physical Protection - precise fit
Scratch prevention



OPTICS PACKAGES

PN	SIZE (IN.)	SIZE (MM)	DEPTH	SHAPE	CAVITIES	LID	
2498	X	2	50.8	0.25	round	1	Y
3311		2	50.8	0.12	square	1	N
3383		1.75	44.45	0.39	round	1	N
3256			40	0.21	round	1	N
2746	X	1.5		0.25	round	1	Y
3572		1.5		0.44	square	1	N
3557			33	0.22	round	1	N
2957		1.25		0.27	round	1	N
3799		1.181		0.25	round	1	N
3552			29	0.23	round	1	N
3816		1.125		0.125	round	1	N
3252		1.094		0.23	round	1	N
3062	X	1	25.4	0.21	round*	4	Y
3072	X	1	25.4	0.2	round	1	Y
3565			24	0.21	round	1	N
3301			22	0.21	round	1	N
3087			20	0.24	round	1	N
3338			20	0.24	round*	4	N
3429		0.75		0.23	round	1	N
3449		0.75		0.24	round*	4	N
3635		0.75		0.16	round*	5	N
3648			18	0.32	round	1	N
3410		0.708		0.11	round	1	N
3189			17	0.2	round	1	N

PN	SIZE (IN.)	SIZE (MM)	DEPTH	SHAPE	CAVITIES	LID	
4019		0.614		0.16	round	1	N
3074			15	0.22	round	1	N
3215			15	0.22	round*	10	N
3647			14	0.26	round	1	N
3073	X	0.5	12.7	0.21	round*	1	Y
3178		0.5	12.7	0.09	round	10	N
3636		0.5	12.7	0.04	round*	5	N
3702		0.5	12.7	0.12	round*	5	N
3703		0.5	12.7	0.08	round	5	N
3178		0.5	12.7	0.09	round*	10	N
3886		0.5	12.7	0.21	round	10	N
3916		0.433		0.157	round	1	N
3811		0.4		0.08	round*	6	N
3340			10	0.22	round	1	N
3088			10	0.23	round*	10	N
3394		0.375		0.12	round*	6	N
3393		0.33		0.12	round*	6	N
3511			8	0.15	round*	1	N
3093			8	0.24	round*	10	N
3466			7.75	0.07	round*	25	N
3392		0.25		0.07	round*	6	N
3643			6	0.06	round*	25	N
3150			5	0.11	round*	1	N
3932			5	0.15	round*	25	N

* Denotes no finger access or tweezer notch feature.

ALL INSERTS ARE 2.56" SQUARE



INJECTION MOLDED CASES

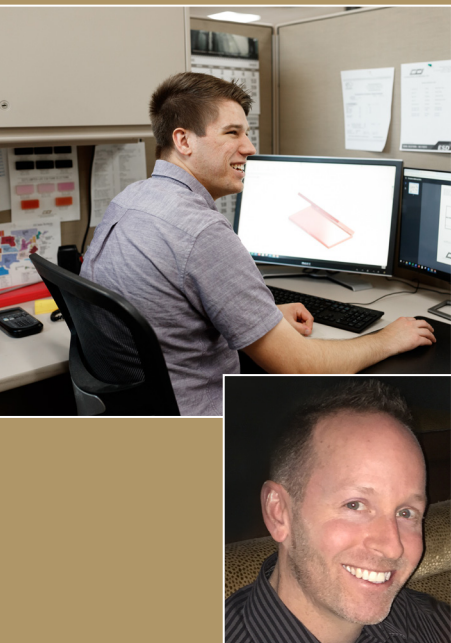
PN	DIMENSIONS (I.D.)
2020	2 x 2 x 1/4"
2525	2-9/16 x 2-9/16 x 1/2"
2820	2-7/8 x 2 x 1/2"
2820-75	2-7/8 x 2 x 3/4"
2820-100	2-7/8 x 2 x 1"

PN	DIMENSIONS (I.D.)
2535	3-1/2 x 2-9/16 x 1/2"
2535-75	3-1/2 x 2-9/16 x 3/4"
2535-1	3-1/2 x 2-9/16 x 1"
3545	4-5/8 x 3-1/2 x 1/2"
3545-625	4-5/8 x 3-1/2 x 5/8"

PN	DIMENSIONS (I.D.)
3545-75	4-5/8 x 3-1/2 x 3/4"
4545-50	4-9/16 x 4-9/16 x 1/2"
4545-125	4-9/16 x 4-9/16 x 1-1/4"
4545-200	4-9/16 x 4-9/16 x 2"
7035	7 x 3-1/2 x 1/2"

KLEANSTAT FLEX TPU

- Flexible static dissipative TPU
- Dust prevention, avoid static build up
- Non-scratching surface
- Flexible and thermoformable cushioning - stock or custom
- IPA cleanable, clean room compatible



ENGINEERING CAPABILITIES

CCI is an expert in static protective packaging. The same concepts that reduce static and protect electronic devices can be utilized to increase quality yields in high end lenses and photonics devices.

Our designs reduce static that can attract dust. We provide materials that are cleanable and reusable for use from production to storage and shipping and receiving.

At CCI we make the whole package from design, to tooling to thermoforming and the outer box. Our goal is to understand your challenges and make the design fit your product and processes.

Take the first step towards a solution to your optics packaging needs- contact CCI for a free consultation on your optics packaging and handling needs.



conductive containers inc.

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