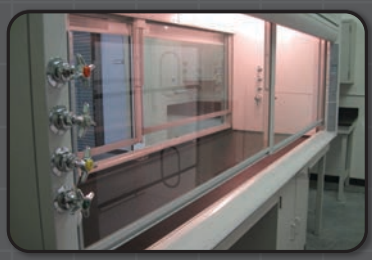
PERFORMANCE WORKSURFACES & COMPONENTS FOR SCIENCE



DURCON INCORPORATED®

Bringing Superior Service To The Laboratory Furniture Industry For 45 Years!

LEADING THE INDUSTRY IN EPOXY RESIN WORKSURFACE SOLUTIONS

SUPERIOR QUALITY

Industry professionals know that the consistently superior quality of Durcon products is a standard against which other materials are measured. Durcon achieves this with finely tuned production systems combined with longstanding manufacturing and engineering expertise. These capabilities also enable Durcon to meet or exceed customer specifications and tolerances precisely and consistently.

EXCEPTIONAL CUSTOMER SERVICE

What puts Durcon even further ahead is customer services. From estimating through shipping, Durcon's dedicated team takes pride in being the most responsive in the industry which leads to accuracy and fast turnarounds. In addition, each order is continually monitored via internet accessible e-Project Manager software which allows customers to know the status of their order at any time.

A GLOBAL PRESENCE

Driven by a commitment to customer service. Durcon's factory in North America, along with associated facilities around the globe, supply the worldwide marketplace with prompt, accurate shipments in which each piece has been made to precise customer specifications. State-of-the-art chemistry and strict quality control in the manufacturing process keep Durcon at the forefront of the industry.

PERFORMANCE

Durcon Incorporated strives to provide high-performance systems and support with every laboratory worksurface purchase through:

- Decades of Experience
- Innovative Solutions
- Fabrication Capacity
- Technical Support Staff
- Global Distribution Network

WORKSURFACES

Durcon's worksurface system's capabilities integrate functionality and design options to enhance aesthetics and safeguard lab users. Some options include:

- Traditional and "Green" Formulas
- Color Options
- Edge Finish
- Surface Style
- Specialty Shapes

COMPONENTS

Durcon's complete epoxy resin worksurface system delivers safety, protection and durability throughout the laboratory. System components include:

- Fume Hood Bases
- Sinks
- Peg Boards
- Troughs
- Safety Cabinets

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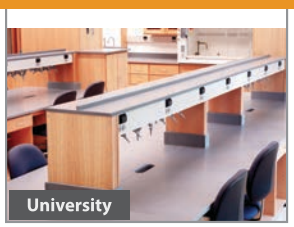
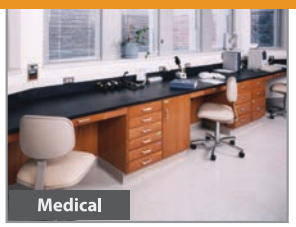




DESIGN OPTIONS OPTIMIZE LABORATORY WORKSPACE

Durcon Incorporated work surface systems are molded monolithic epoxy resin products. Our unique molding process includes a special curing stage that ensures a complete chemical reaction throughout the material resulting in a uniform worksurface of the highest quality.

TRADITIONAL AND ENVIRONMENT FRIENDLY FORMULAS

Durcon epoxy resin is the worksurface of choice for harsh laboratory, classroom and research environments due to outstanding value and unmatched performance in several critical areas such as chemical resistance, non-flammability, non-absorbency, vibration damping and cleanability. This combination adds an extra level of safety and durability to the laboratory and increased accuracy for highly calibrated apparatus.

Durcon leads the industry in quality and innovation, leading the way in developing Greenstone™ Epoxy Resin Worksufaces with SCS Certified Post-consumer Recycled Content. Greenstone features the same luxurious appearance and extreme perfomance Durcon products are known for while reducing the impact on our environment. Plus, it is made to last, significantly reducing life-cycle costs. All Durcon products are Greenguard® and Greenguard for Children & Schools® certified for safe indoor air quality and NSF/ANSI 51 certified for use in food areas.

greenstone™ environment friendly worksurfaces by Durcon Incorporated

SURFACE STYLES

Almost any facility's work surfaces can be configured using the components found in each of our styles. Durcon also offer numerous safety, function and style options to choose between.

- ClassicTop
- Classic MarineTop
- Contoura TableTop
- Classic Coved Curb
- Classic Marine Coved Curb
- Balance Tables
- Fume Hood Bases
- DropIn,® Undermount & Specialty Sinks, Troughs, Pegboards & Accessories

ClassicTop™ LABORATORY WORKSURFACES

COLOR OPTIONS

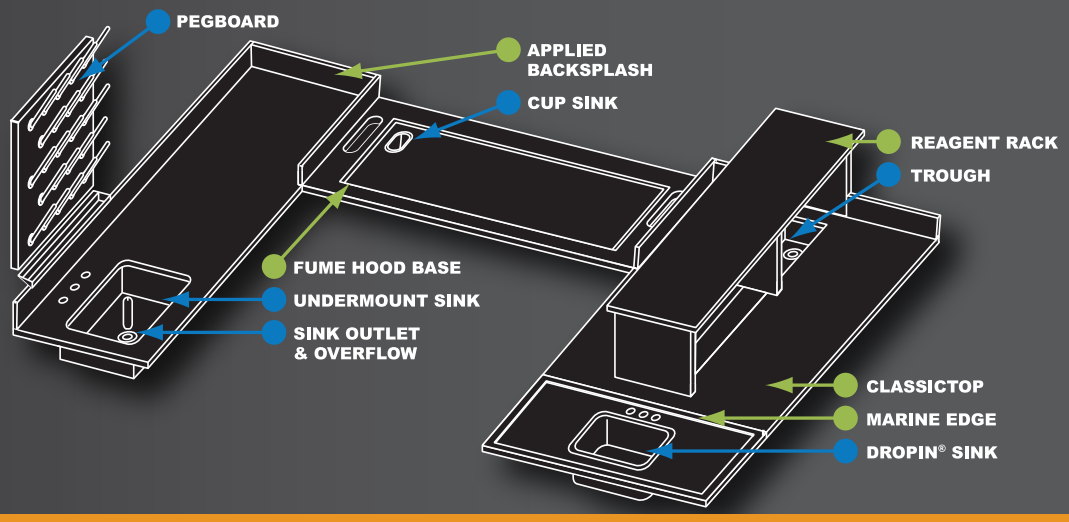
Black Onyx is the traditional worksurface color. The low-gloss matte finish is easier on lab user's eyes and provides increased acuity when visual comparisons are required. Durcon offers six standard color options and can now provide custom colors based on your color swatch (prices vary by color). Use colored epoxy to highlight wood, metal and laminate casework finishes.

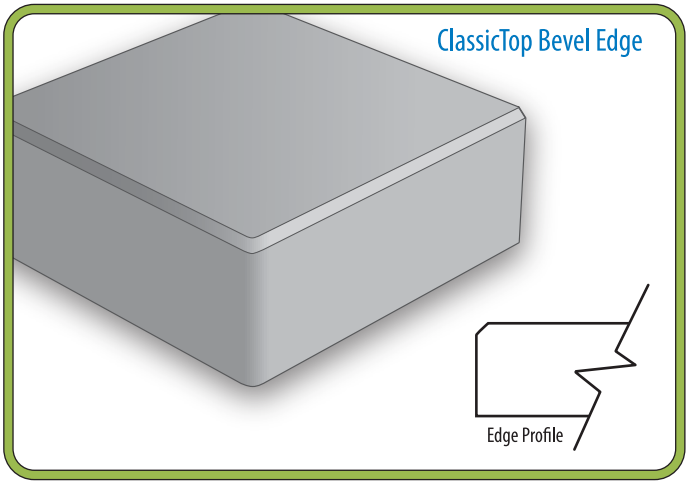
FOR SCIENCE

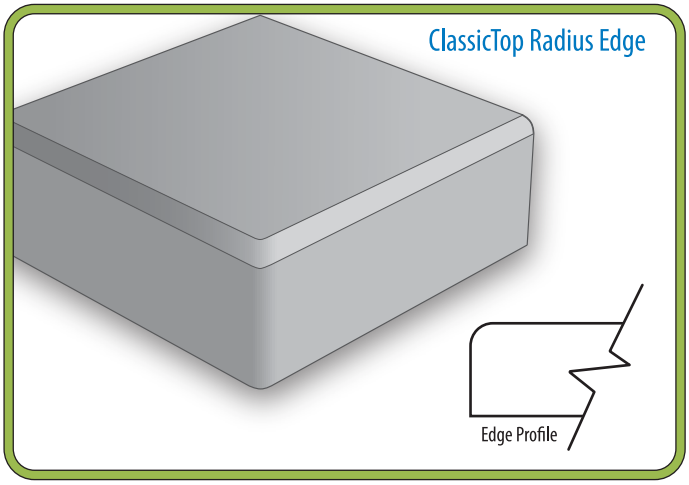
Durcon epoxy resin is formulated to balance the highest levels of performance, safety and resistance. We test to SEFA standards to determine:

- Chemical Resistance
- Physical Properties
- Thermal Characteristics
- Flammability
- Liquid Absorption

DURCON'S COMPLETE EPOXY RESIN SYSTEM







Accept No Substitutes

Durcon's time-tested Epoxy Resin worktop is the industry standard for harsh laboratory environments. It is safe, durable and widely available for projects of all types and sizes. Durcon offers several edge and backsplash styles to meet various requirements for safety and comfort. Each style can be configured into virtually any furniture configuration and can be installed on permanent or freestanding casework, tables and carts.

ClassicTop Bevel Edge

One inch thick Black Onyx ClassicTops with machine beveled edges are the laboratory industry standard. Available in seamless lengths up to 96" [2438mm], ClassicTops provide the greatest flexibility for use in every application.

Upon request, 5/8", 3/4" or 1-1/4" [15, 19 or 32mm] thick surfaces in standard and custom colors are available.

ClassicTop Radius Edge

ClassicTops with a 1/4" machined radius feature the latest worksurface edge option from Durcon. These worksurfaces are molded and fabricated to the same exacting standards as our machine beveled ClassicTops, but feature machine radiused edges and eased corners which can provide additional safety and comfort for laboratory users.

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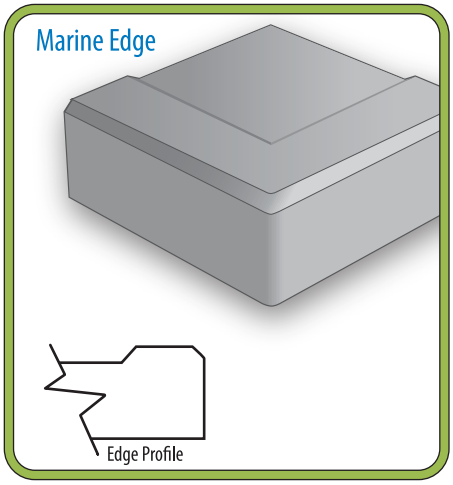
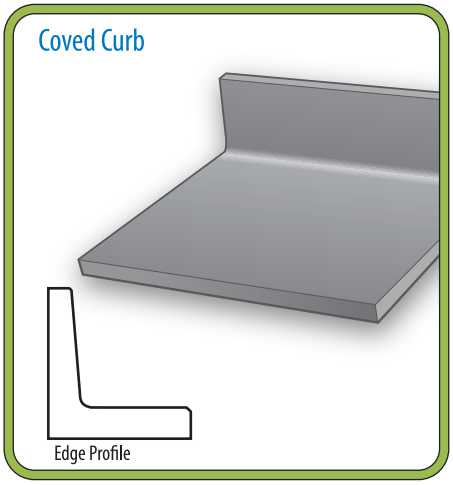
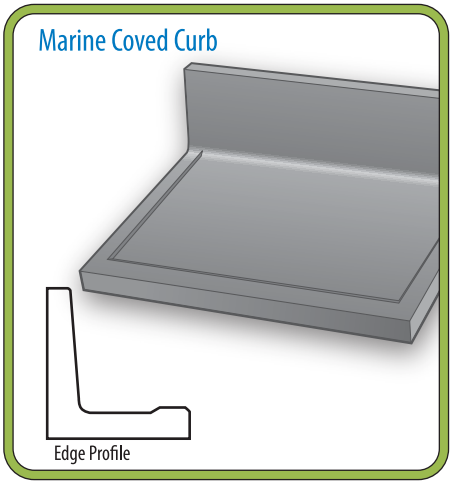






Classic MarineTop

Classic MarineTop worksurfaces are recommended for areas where liquid containment is a priority. These ¼" [6mm] dished worksurfaces help protect casework finishes, flooring and lab personnel by keeping most spills on the countertop.

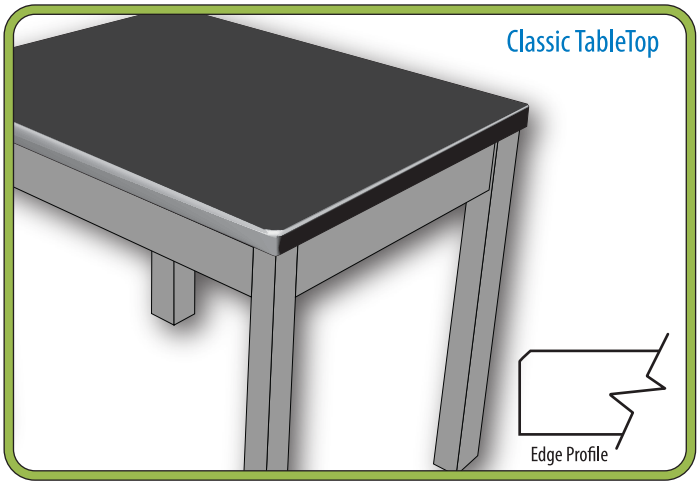
ClassicTop Coved Curb

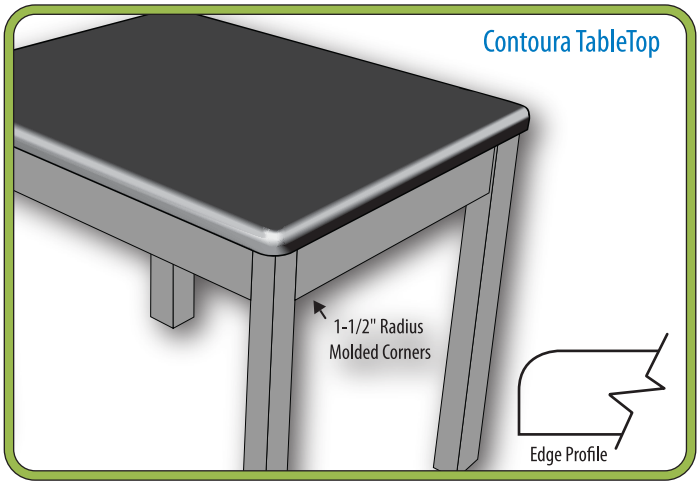
Classic Coved Curb worksurfaces should be used where eliminating backsplash joints is the highest priority. They are available in seamless lengths up to 98" [2489mm] and depths up to 38" [965mm]. Classic Coved Curb worksurfaces are molded 1" [25mm] thick. By special request, 3/4" or 1-1/4" [19mm or 32mm] thick worksurfaces can be ordered. Integral curbs are 4" [102mm] tall.

For special curb height requirements, contact our customer service department.

Classic Marine Coved Curb

Classic Marine Coved Curb worksurfaces are recommended for use where liquid containment and eliminating backsplash joints is the highest priority. The 1/4" [6mm] deep dish helps keep liquids from overflowing. Marine Coved Curb worksurfaces are either 1" or 1-1/4" [25 or 32mm] thick at the rail. The standard 4" [102mm] high integral curbs maintain a uniform backsplash height when installed in-line with non-marine edged Classic Coved Curb worksurfaces.





Classic TableTops

Classic TableTops are recommended for classrooms, laboratories and production facilities where seating or reconfiguration is required. Available with machine beveled or radiused edges, Classic TableTops are available in any size up to 96"x 72" [2438 x 1829mm]. Classic TableTops can be used for custom size and shape requirements or when classic styling is preferred.

Contoura TableTops

Contoura TableTops offer a molded radiused edge and corners adding safety and comfort to work and study environments. Contoura TableTops are available in the following sizes:

Contoura TableTop Sizes

Dimensions (in)		Model No.	Dimensions (mm)	
Length	Width		Length	Width
48	24	**445**	1219	610
54	24	**412**	1372	610
60	24	**417**	1524	610
72	24	**444**	1829	610
54	30	**425**	1372	762
60	30	**411**	1524	762
72	30	**419**	1829	762

Table frame supplied by others.

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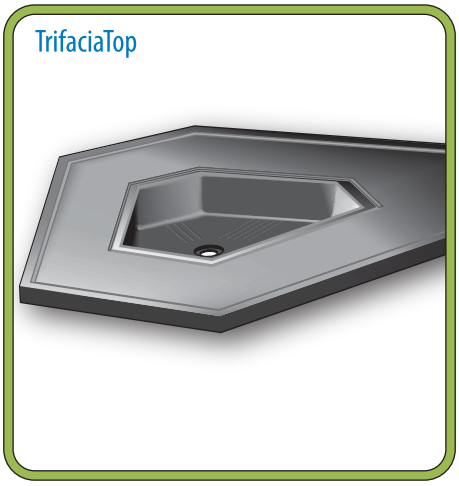
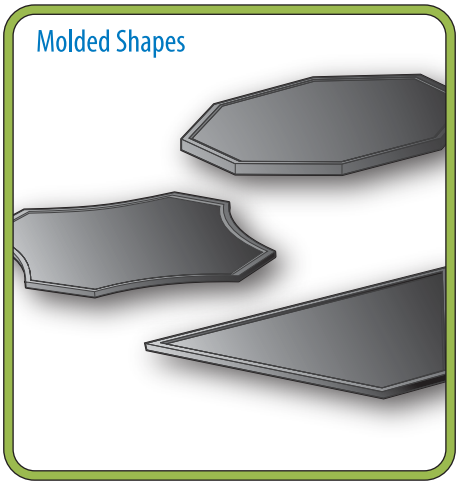
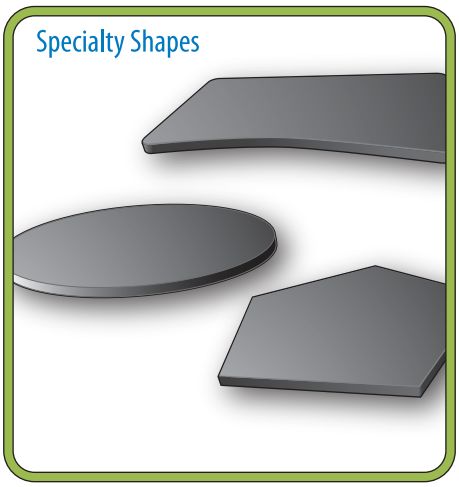






TrifaciaTop Work Stations

TrifaciaTop marine edge work surfaces provide convenient services access for up to three student tables. Trifacia epoxy resin sinks are also available.

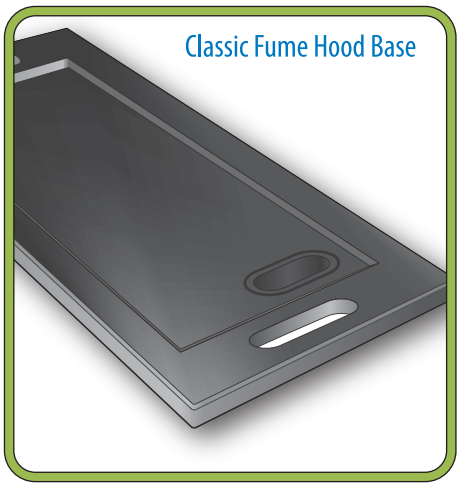
Octagon Work Stations

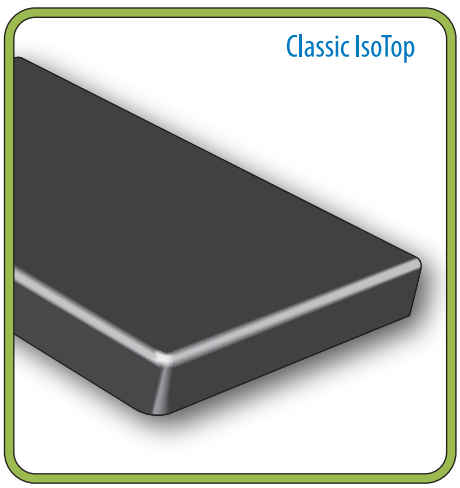
Octagonal work surfaces are designed to accommodate multiple users. Tailored for educational and training uses, the innovative design enables larger groups of students or technicians to gather around a single device or demonstration on the work surface.

Available in both a ClassicTop or Marine Edge, the octagonal work surface is available as a single piece, or with an epoxy resin trough or sink.

Specialty Shapes

Specialty worksurface shapes are available for all types of teaching and laboratory environments. Quadrilaterals, hexagons and octagons are molded in one seamless piece and ready for installation with or without sinks or troughs. Many additional custom shapes, even asymmetrical pieces and belly cuts, can be fabricated to specification. Since each project is unique, we encourage you to submit your drawings for quotation.





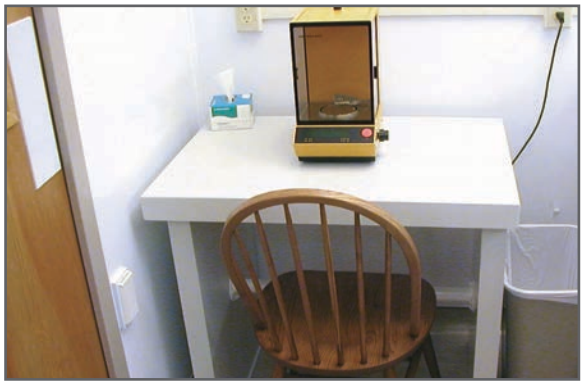
ClassicTop Fume Hood Bases

Durcon Epoxy Resin Fume Hood Bases provide a durable chemical and heat resistant worksurface for the laboratory's harshest environment.

Available for virtually every brand of fume hood cabinet manufactured today, Classic Fume Hood Bases are seamlessly molded up to 98" [2489mm] long. The worksurface is surrounded by a 3/8" [10mm] integrally-molded containment rim designed to ease cleanups and prevent hood and casework damage from chemical spills.

Balance Tables

Epoxy Resin Balance Tables provide superior stability for highly calibrated equipment. The top and legs are solid 2-1/2" [64mm] thick molded epoxy resin. A galvanized steel lateral support beam adds strength and rigidity. Rubberized vibration reduction pads are now included to suppress floor vibrations and increase instrument accuracy and consistency. Balance Tables stand 30" [762mm] tall. Nominal work surface dimensions are 35" x 24" [889 x 610mm].



IsoTops & IsoPads

IsoTops are 2-1/2" [64mm] thick countertop sections that provide the superior stability of a balance table on the bench top, allowing easy access to adjoining surfaces and utilities. IsoTops are larger tops that install in-line with other epoxy worksurfaces. Because of the thickness and weight of these tops, special considerations must be taken to ensure adequate cabinet support strength.

Isopads are moveable 2-1/2" x 18" x 22" epoxy resin pieces that can be placed around the lab to provide vibration damping and stability in various locations.

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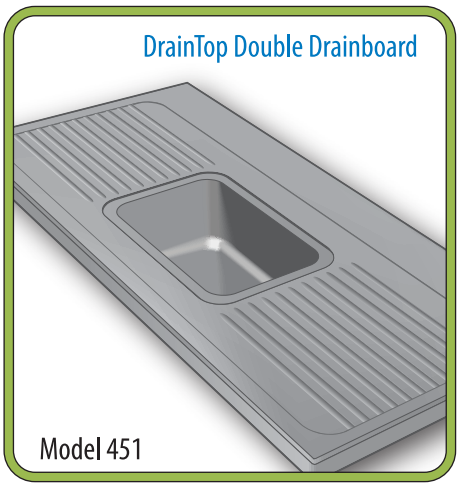


Classic DrainTops

DrainTops have been specially designed for use with Classic and Classic MarineTops.

DrainTop worksurfaces gently slope from the containment rim to the sink area for improved drainage. The molded drain board sections offer curved raised ribs that facilitate glassware drying and improved cleanups. The sink area accommodates single or double DropIn Sinks.

Flexibly designed, DrainTops can be used at the end of islands and peninsulas or in wall runs as 54", 60", 66" or 72" [1372, 1524, 1676 or 1829 mm] sections.

DrainTop Sizes

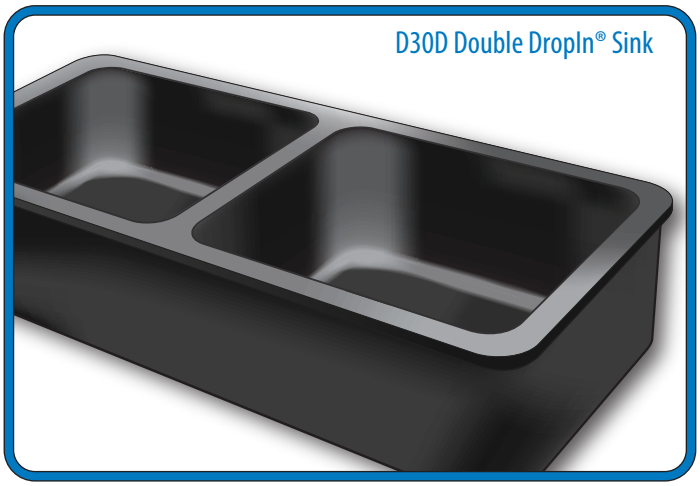
Dimensions (in)		Model No.	Dimensions (mm)	
Length	Width		Length	Width
60	26 - 32	**454** (Sink Right)	1524	660 - 813
60	26 - 32	**455** (Sink Left)	1524	660 - 813
54	26 - 30	**451** (Sink Center)	1372	660 - 763
60	26 - 30	**450** (Sink Center)	1524	660 - 763
66	27.5 - 32	**457** (Sink Center)	1676	700 - 813
72	27.5 - 32	**456** (Sink Center)	1829	700 - 813

Please contact customer service for design assistance.

Drain Grooves

Drain grooves can be machined on one or both sides of undermount or DropIn sinks per specification. These recessed slots incline toward the sink basin, facilitating worksurface drainage while providing a temporary lab ware drying area.

DropIn® Sinks


D30D Double DropIn® Sink

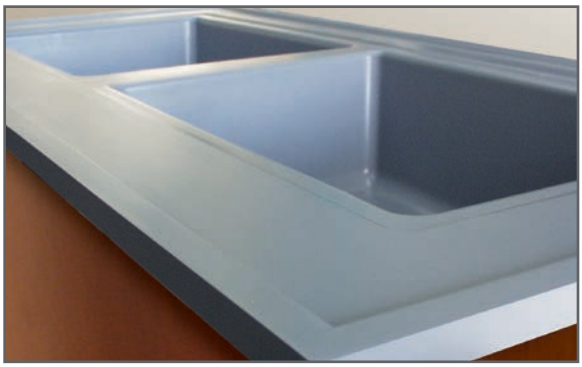
DropIn Sinks

DropIn sinks were introduced by Durcon in 1992. The DropIn sink quickly became the industry standard due to the ease of installation and the added safety they bring to the lab.

DropIn sinks are top mounted into a recessed cutout eliminating the need for undermount sink support systems. This simplified method of installation seals the sink cutout and eliminates the worksurface overhang between the inner walls of undermount sink basins and the sink cutout which can gather residual chemicals and bacteria. All DropIn Sink surfaces are clearly visible and radiused for ease of cleaning.

Double DropIn Sinks

When there is a need for a double-sink configuration, a molded one piece Double DropIn Sink is available or a pair of DropIn sinks can be installed side by side with a 1" worksurface strip between the two installed sinks.



ADA Sinks

Durcon also offers several shallow basins and graduated depth ADA DropIn Sinks to accommodate lab users with special needs and help conform to Americans with Disabilities Act guidelines.

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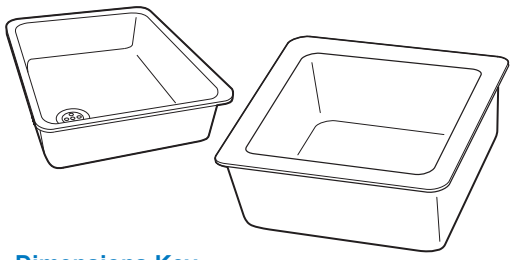
Standard DropIn® Sink Dimensions

	Dimensions (in)						Model No.	Outlet Loc.	Dimensions (mm)					
	Inside Dimensions			Outlet Location		Wt. (lb)			Wt. (kg)	Inside Dimensions			Outlet Location	
	X	Y	Depth	X	Y					X	Y	Depth	X	Y
	9.0	6.0	5.8	4.5	3.0	9	D01C	Center	5	229	152	147	114	76
	12.0	8.0	5.8	6.0	4.0	16	D03C	Center	7	305	203	147	152	102
♿	14.0	10.0	5.0	3.5	3.5	18	A05	Corner	8	356	254	127	89	89
	14.0	10.0	6.0	3.5	3.5	22	D05	Corner	10	356	254	152	89	89
	14.0	10.0	6.0	7.0	5.0	24	D05C	Center	11	356	254	152	178	127
	12.0	12.0	12.0	6.0	6.0	34	D06C	Center	15	305	305	305	152	152
♿	14.0	14.0	5.0	3.5	3.5	24	A07	Corner	11	356	356	127	89	89
	15.0	8.0	6.0	3.5	3.5	25	D08	Corner	11	381	203	152	89	89
	15.0	8.0	10.75	3.5	3.5	25	D09	Corner	11	381	203	273	89	89
	16.0	8.0	6.8	4.5	4.0	20	D10E	End	10	406	203	173	114	102
	16.0	8.0	6.8	8.0	4.0	22	D10C	Center	10	406	203	173	203	102
	16.0	12.0	8.0	3.5	3.5	30	D15	Corner	14	406	305	203	89	89
	16.0	12.0	8.0	8.0	6.0	31	D15C	Center	15	406	305	203	203	152
	16.0	16.0	9.6	3.5	3.5	42	D19	Corner	20	406	406	244	89	89
	16.0	16.0	7.5	3.5	3.5	32	D20	Corner	15	406	406	191	89	89
	16.0	16.0	15.0	3.5	3.5	53	D21	Corner	24	406	406	381	89	89
	18.0	6.5	6.0	9.0	3.3	30	D22C	Center	14	457	165	152	229	84
	18.0	14.0	10.5	9.0	6.8	30	D24C	Center	14	457	356	267	229	173
♿	18.0	15.0	5.0	3.5	3.5	35	A25	Corner	16	457	381	127	89	89
♿	18.0	15.0	2.4	3.5	3.5	37	A25M	Corner	17	457	381	61	89	89
♿	18.0	15.0	5/11	4.5	4.5	39	A26	Corner	18	457	381	127/279	114	114
	18.0	15.0	7.9	3.5	3.5	39	D25	Corner	18	457	381	201	89	89
	18.0	15.0	10.8	3.5	3.5	50	D30	Corner	23	457	381	274	89	89
	18.0	15.0	10.8	9.0	7.5	50	D30C	Center	23	457	381	274	229	191
	37.4	15.0	10.8	3.5	3.5	110	D30D	Corner	80	950	381	274	89	89
	18.0	15.0	15.1	3.5	3.5	49	D32	Corner	22	457	381	384	89	89
	21.0	17.0	9.8	3.5	3.5	59	D33	Corner	27	533	432	248	89	89
	21.0	17.0	9.8	4.5	8.5	59	D33E	End	27	533	432	248	114	216
	21.5	15.5	11.0	3.5	3.5	64	D45	Corner	29	546	394	279	89	89
	24.0	16.0	8.3	3.5	3.5	54	D50	Corner	25	610	406	210	89	89
	24.0	16.0	8.0	12.0	8.0	48	D50C	Center	22	610	406	203	305	203
	24.0	16.0	9.6	3.5	3.5	60	D51	Corner	27	610	406	244	89	89
	24.0	18.0	11.0	3.5	3.5	77	D52	Corner	35	610	457	279	89	89
♿	25.0	15.0	4.8	3.5	3.5	47	A55	Corner	21	635	381	121	89	89
	25.0	15.0	8.0	3.5	3.5	45	D54	Corner	20	635	381	203	89	89
	25.0	15.0	10.0	3.5	3.5	61	D55	Corner	28	635	381	254	89	89
♿	25.0	15.0	5/11	5.5	4.5	50	A56	Corner	23	635	381	127/279	140	114
	25.0	15.0	13.6	3.5	3.5	71	D57	Corner	32	635	381	346	89	89
	25.0	15.0	17.8	3.5	3.5	79	D58	Corner	36	635	381	451	89	89
	28.0	15.0	12.0	3.5	3.5	74	D59	Corner	34	711	381	305	89	89
	30.0	16.0	17.8	4.5	4.5	94	D61	Corner	43	762	406	451	114	114
	35.5	19.5	9.8	17.8	9.8	98	D65C	Center	45	902	495	248	451	248
	30.0	16.0	10.0	4.8	8.0	120	D68E	End	54	762	406	254	121	203
	24.0	16.0	15.5	12.0	8.0	77	D70C	Center	35	610	406	394	305	203

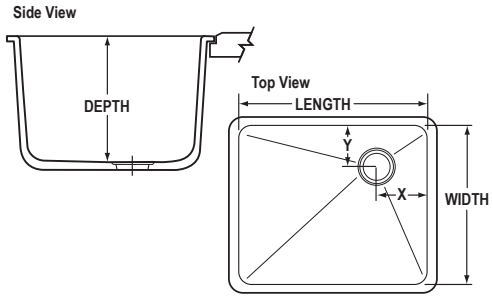
♿ *ADA compliant sinks are designated by this symbol.*

All dimensions are nominal.
Cutsheets available upon request.

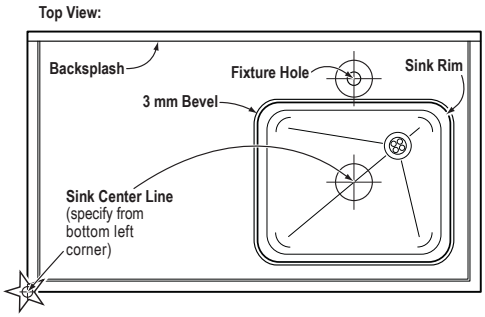
DropIn® Sink Styles



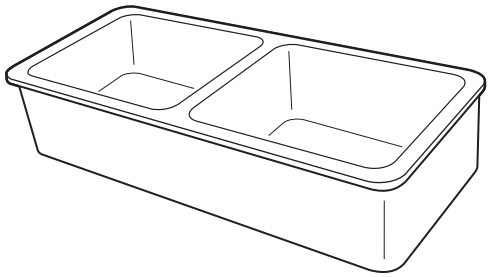
Dimensions Key



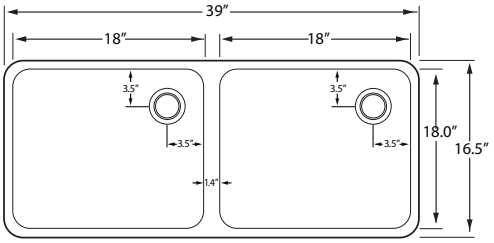
Installation Detail



NEW D30D DropIn®

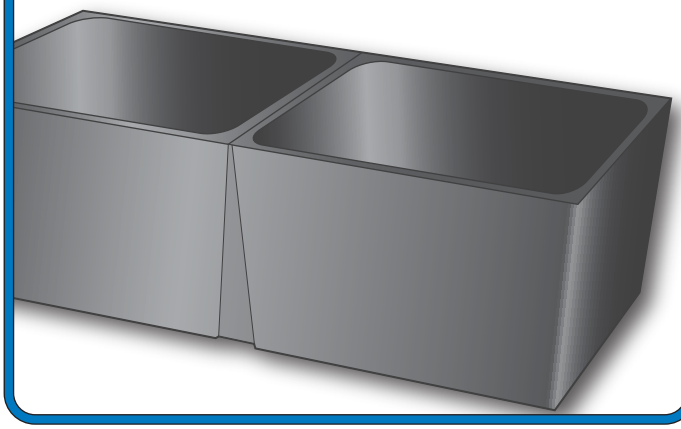


D30D Dimensions



Undermount Sink

Double Undermount Sink



Undermount Sinks

Epoxy resin Undermount Sinks have been installed in laboratories for over 30 years. High chemical resistance, long-term durability and a selection of popular sizes make epoxy resin undermounts the industry standard for this style of sink.

Undermount installation requires an under-sink support system (supplied by others). Durcon offers installation tips in our Installation and Maintenance Manual. For safety, consult your casework manufacturer for prescribed installation methods and supplies required for the specified cabinet material.

Double Undermount Sinks

When there is a need for a double-sink configuration, a pair of undermount sinks can be glued together or the sinks may be installed separately. Several designs are possible such as using different sizes of sinks together. Please contact a Durcon representative to determine the feasibility of a new application.

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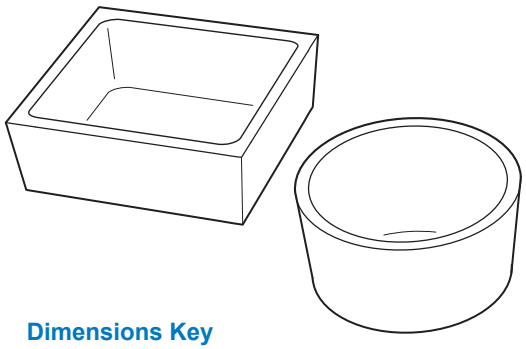
Standard Undermount Sinks

Dimensions (in)						Model No.	Outlet Loc.	Dimensions (mm)					
Inside Dimensions			Outlet Location		Wt. (lb)			Wt. (kg)	Inside Dimensions			Outlet Location	
X	Y	Depth	X	Y					X	Y	Depth	X	Y
12.0	8.0	6.0	6.0	4.0	17	U03C	Center	8	305	203	152	152	102
12.0	6.0	7.0	6.0	3.0	18	U04C	Center	8	305	152	178	152	76
14.0	10.0	6.0	3.5	5.0	22	U05E	End	10	356	254	152	89	127
14.0	10.0	6.0	7.0	5.0	22	U05C	Center	10	356	254	152	178	127
12.0	12.0	8.0	6.0	6.0	25	U08C	Center	11	305	305	203	152	152
16.0	8.0	7.0	8.0	4.0	22	U10C	Center	10	406	203	178	203	102
16.0	8.0	7.0	3.5	4.0	22	U10E	End	10	406	203	178	89	102
16.0	12.0	7.8	8.0	6.0	34	U15C	Center	15	406	305	203	203	152
16.0	12.0	8.0	4.5	6.0	34	U15E	End	15	406	305	203	114	152
16.0	16.0	7.5	4.0	12.0	39	U20	Corner	18	406	406	191	102	305
18.0	6.5	6.0	9.0	3.3	22	U22C	Center	10	457	165	152	229	83
16.0	16.0	12.0	8.0	8.0	54	U23C	Center	24	406	406	305	203	203
18.0	14.0	10.5	9.0	7.0	38	U24C	Center	17	457	356	267	229	178
18.0	15.0	8.0	3.5	3.5	40	U25	Corner	18	457	381	203	89	89
18.0	15.0	11.0	3.5	3.5	49	U30	Corner	22	457	381	279	89	89
18.0	15.0	11.0	9.0	7.5	49	U30C	Center	22	457	381	279	229	191
21.0	17.0	10.0	10.6	8.8	64	U33C	Center	29	533	432	254	270	222
21.0	17.0	10.0	4.5	8.6	64	U33E	End	29	533	432	254	114	218
21.0	18.0	10.0	4.5	9.0	61	U35E	End	28	533	457	254	114	229
21.3	15.5	7.0	4.0	4.0	60	U40	Corner	27	541	394	178	102	102
22.5	10.5	7.4	11.3	5.3	35	U43C	Center	16	572	267	187	286	133
21.5	15.5	11.0	4.0	4.0	64	U45	Corner	29	546	394	279	102	102
22.0	14.5	10.6	4.0	3.5	68	U49	Corner	31	559	368	270	102	89
24.0	16.0	8.0	4.0	8.0	54	U50E	End	24	610	406	203	102	203
24.0	16.0	8.0	12.0	8.0	54	U50C	Center	24	610	406	203	305	203
24.0	16.0	10.0	4.5	8.0	59	U51E	End	27	610	406	254	114	203
23.6	17.6	10.8	4.0	9.0	77	U52E	End	35	599	447	274	102	229
24.4	18.4	16.8	4.3	9.3	85	U53E	End	39	620	467	427	109	236
23.0	21.0	19.1	7.0	6.5	95	U54	Corner	43	584	533	486	178	165
25.0	15.0	10.0	3.5	3.5	60	U55	Corner	27	635	381	254	89	89
24.0	16.0	12.0	12.0	8.0	76	U56C	Center	34	610	406	305	305	203
27.8	14.8	8.0	11.5	7.5	56	U58E	End	25	705	375	203	292	191
28.0	15.0	12.0	11.5	7.5	65	U59E	End	29	711	381	305	292	191
28.0	20.0	8.8	14.0	6.6	83	U60	Side	38	711	508	222	356	167
30.0	18.0	18.0	15.0	9.0	108	U61C	Center	49	762	457	457	381	229
31.0	17.0	10.0	4.0	8.5	75	U63E	End	34	787	432	254	102	216
31.3	21.3	12.0	15.5	10.5	95	U64C	Center	43	794	540	305	394	267
35.5	19.6	10.0	17.8	9.8	100	U65C	Center	45	902	497	254	451	248
36.0	19.7	12.0	17.8	9.8	110	U66C	Center	50	914	500	305	451	248
36.0	20.0	16.0	18.0	10.0	195	U67C	Center	88	914	508	406	457	254
43.0	15.0	11.0	21.5	7.5	108	U71C	Center	49	1092	381	279	546	191
43.3	15.3	16.0	21.7	7.7	179	U72C	Center	81	1100	389	406	550	195
38.0	21.0	19.1	5.3	5.3	150	U73	Corner	68	965	533	486	133	133
42.0	20.0	10.0	21.0	10.0	126	U75C	Center	57	1067	508	254	533	254
48.8	24.6	5.6	4.0	12.2	100	U81E	End	45	1238	625	143	102	309

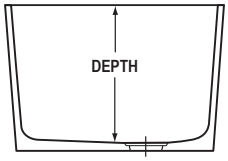
Undermount Sinks require a support system supplied by others.

Undermount Sink Styles

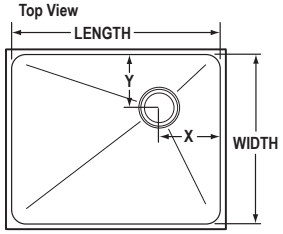


Dimensions Key

Side View

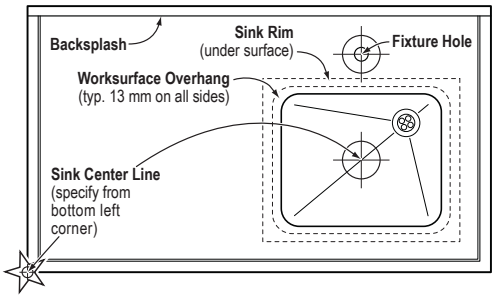


Top View



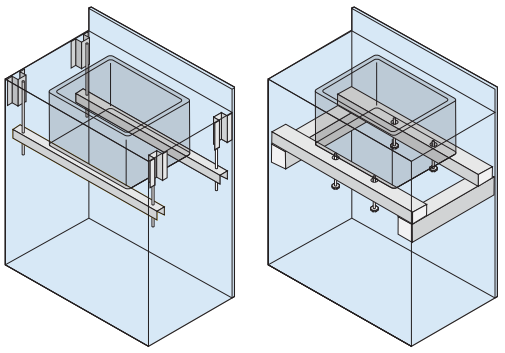
Installation Detail

Top View:



Undermount Installation Techniques

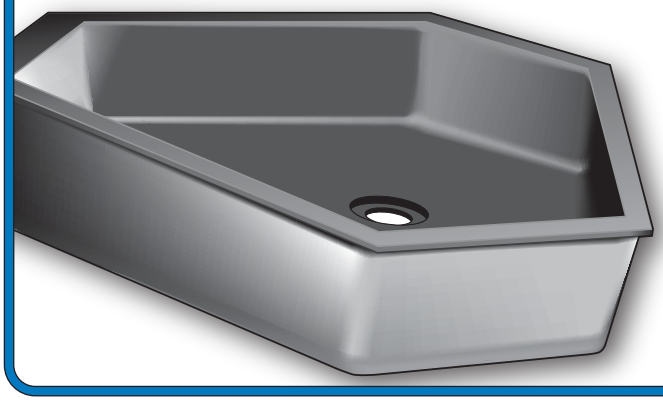
Hardware Supplied by Others



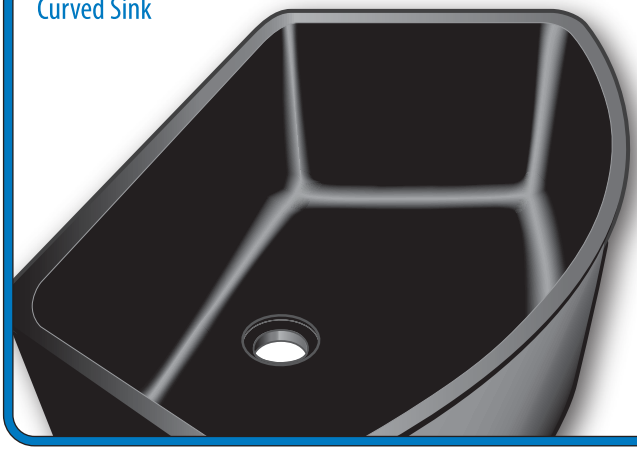
Hanging Support

Frame Support

Trifacia Sink



Curved Sink



Trifacia DropIn Sinks

Trifacia DropIn Sinks are designed for placement in the Durcon Trifacia (Hexagonal) Work Surface.

The large Trifacia DropIn Sink basin is ideally suited for student centers. As with all our listed sink sizes, the Trifacia DropIn Sinks are molded as one piece with coved interior corners for easy cleaning and maintenance.

Round and Elliptical Sinks

These specialty sinks are a functional solution for circular or octagonal worksurface shapes and can add a custom look and feel to laboratory environments. Round and Elliptical Sinks are available in DropIn and Undermount styles and are designed for installation in the center of the work top or at the surface edge to fit the contours of custom shaped tops.

End and Wall Mount Utility Sinks

End and Wall Sinks are specially designed epoxy resin basins for installation at the end of wall runs, peninsulas and islands to provide liquid disposal and the cleaning of larger items.

These basins can be fabricated for fixtures or a trough in the integral backsplash. End and wall sinks are commonly mounted onto a wooden or metal frame to bring the basin to the desired height. Frames are not supplied by Durcon.

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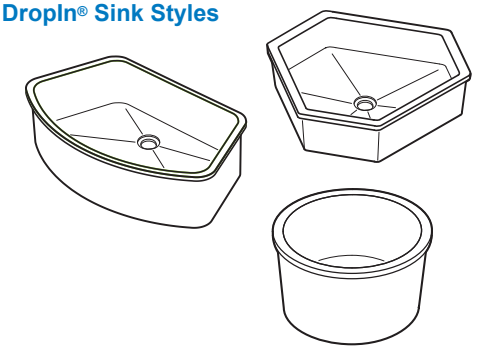
Specialty DropIn® Sinks

Dimensions (in)						Model No.	Outlet Loc.	Dimensions (mm)						
Inside Dims.			Outlet Loc.		Wt. (lb)			Wt. (kg)	Inside Dims.			Outlet Loc.		
X	Y	Depth	X	Y					X	Y	Depth	X	Y	
10.0	Round	7.8	Center		14	DRS10	Center	6	254	Round	198	Center		
12.0	Round	7.8	Center		18	DRS12	Center	8	305	Round	198	Center		
22.5	Hexagon	5.0	Center		29	D100	Center	13	572	Hexagon	127	Center		
30.9	Hexagon	7.0	17.8	9.8	64	D200	End	29	785	Hexagon	178	452	249	
30.0	Hexagon	7.0	Center		82	DH20C	Center	37	762	Hexagon	178	Center		
31.5	Half-Circle	7.0	21.5	7.5	64	D99	Center	26	813	Half-Circle	178	546	191	

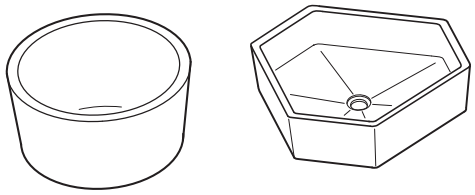
DropIn® Sink Styles



Specialty Undermount Sinks

Dimensions (in)						Model No.	Outlet Loc.	Dimensions (mm)						
Inside Dims.			Outlet Loc.		Wt. (lb)			Wt. (kg)	Inside Dims.			Outlet Loc.		
X	Y	Depth	X	Y					X	Y	Depth	X	Y	
11.9	Round	7.5	Center		21	RS05C	Center	10	302	Round	190	Center		
30.0	Hexagon	6.9	Center		82	H20C	Center	37	762	Hexagon	175	Center		

Undermount Sink Styles

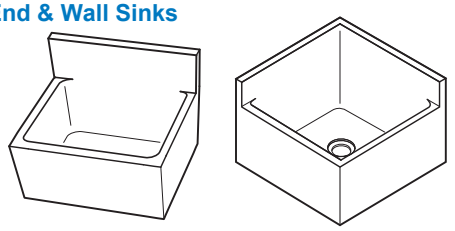


End & Wall Sinks

Inside Dimensions (in)			Integral Backsplash Height	Wt. (lb)	Model No.	Outlet Loc.	Wt. (kg)	Integral Backsplash Height	Inside Dimensions (mm)		
X	Y	Depth							X	Y	Depth
22.0	13.6	12.6	3.8	70	E46	Center	32	97	559	345	320
22.0	13.6	12.6	5.8	73	E47	Center	33	137	559	345	320

All dimensions are nominal.
Cutsheets available upon request.

End & Wall Sinks



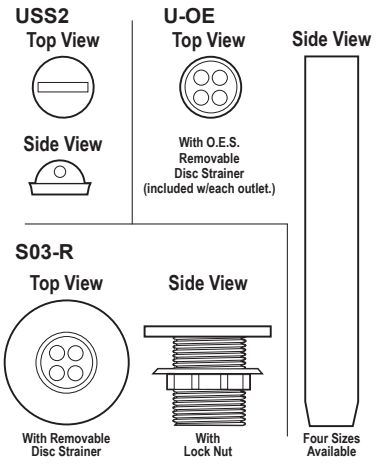
Sink Outlets & Accessories

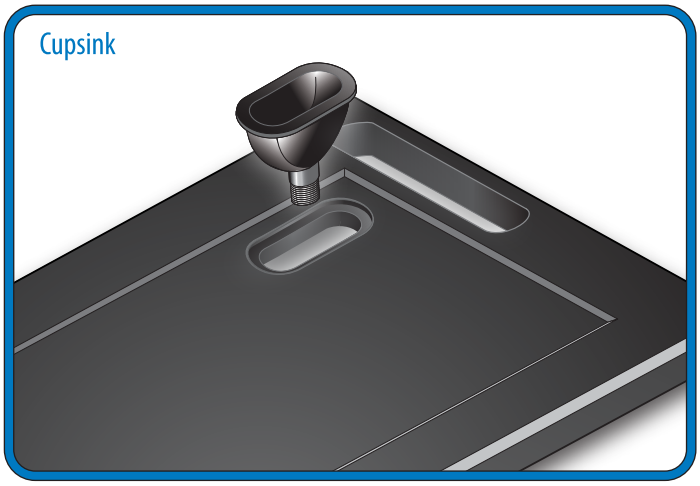
Dimensions (in)			Part No.	Description	Color Availability						Dimensions (mm)		
Length	Outside Rim Dia.	Inside Outlet Dia.			Black Onyx	Gray	Graphite	Dark Khaki	Tan	White	Length	Outside Rim Dia.	Inside Outlet Dia.
Polypropylene											Polypropylene		
3.0	3.3	1.4	SO3-R	Sink Outlet*	✓	✓	—	—	—	—	71	84	36
—	1.4	—	USS2	Sink Stopper	✓	—	—	—	—	—	—	36	—
4, 6, 8, 10	1.4	—	U-OE	Open End Overflow	✓	—	—	—	—	—	102, 152, 203, 254	36	—
—	1.4	—	O.E.S.	U-OE Strainer Cap	✓	—	—	—	—	—	—	36	—

Epoxy Resin			Part No.	Description	Color Availability						Epoxy Resin		
1.4	3.3	3.0	SO3	Sink Outlet*	—	—	✓	✓	✓	✓	36	84	71

* *A plastic disc strainer is included with each sink outlet.*

Outlets & Accessories





Cupsinks

Cupsinks are small sink units designed to provide a convenient disposal site for liquid waste while maximizing available work space.

DropIn Troughs

Top-Mounted DropIn Troughs feature the same durability and ease of installation as our popular DropIn Sinks and do not require additional supports. Available in two sizes.

One Piece Undermount Troughs

Closed-end Undermount Troughs are self-contained units for installation under the worksurface. Three sizes are available.

Sectional Undermount Troughs

Open-ended Sectional Undermount Troughs are molded in 72" [1829mm] sections which can be joined together to form longer runs as required.

Sections are fabricated to meet specifications, and ends are applied at the factory. The drain hole for a standard outlet is cut in the 6" [152mm] flat section at the end of the deepest trough section.

Pegboards & Drip Trays

Epoxy resin Pegboards are supplied with oval polypropylene pegs set at a 30° horizontal angle for effective support and drainage of lab glassware. As an option, 2" or 4" [51 or 102mm] wide stainless steel drip trays are available for most pegboard sizes. PVC tubing is included.

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Cupsinks

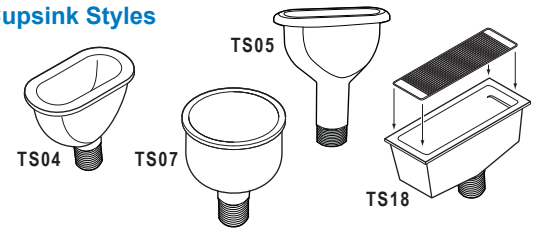
Dimensions (in) Inside X	Inside Y	Inside Depth	Ht.	Model No.	Shape	Color Availability: Black Onyx	Gray	Graphite	Dark Khaki	Tan	White	Dimensions (mm) Ht.	Inside X	Inside Y	Inside Depth
Standard Polypropylene Cupsinks															
6.3	3.1	4.0	8.1	**CS4R**	Oval	✓	✓	—	—	—	✓	211	145	69	94
Special Epoxy Resin Cupsinks															
5.7	2.7	3.7	8.3	**TS04**	Oval	—	—	✓	✓	✓	—	211	145	69	94
5.7	2.8	3.7	9.1	**TS05***	Oval	✓	✓	✓	✓	✓	—	231	145	71	94
8.8	2.7	5.8	10.0	**TS12**	Oval	✓	✓	✓	✓	✓	✓	254	224	69	147
10.8	3.0	5.3	9.6	**TS15**	Oval	✓	✓	✓	✓	✓	—	244	274	76	135
13.6	4.4	5.4	9.9	**TS18****	Rectangle	✓	✓	✓	✓	✓	✓	251	345	112	137
6.0	6.0	6.0	11.4	**TS07**	Round	✓	✓	✓	✓	✓	✓	290	152	152	152
8.0	8.0	6.0	9.5	**TS09**	Round	✓	✓	✓	✓	✓	—	241	203	203	152

** TS05 surface mounts for containing hazardous spills on the worksurface.*

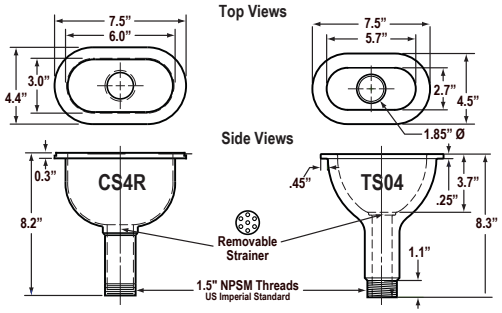
*** TS18 includes a #316 Monel Stainless Steel Screen.*

All dimensions are nominal. Cutsheets available upon request.

Cupsink Styles



Dimensions Key

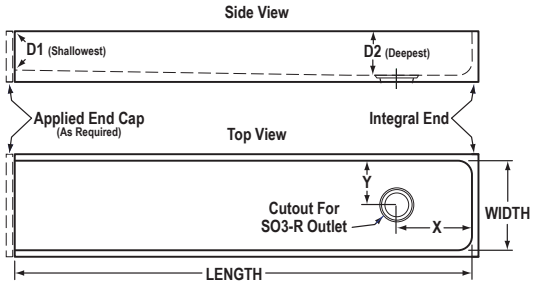


Troughs

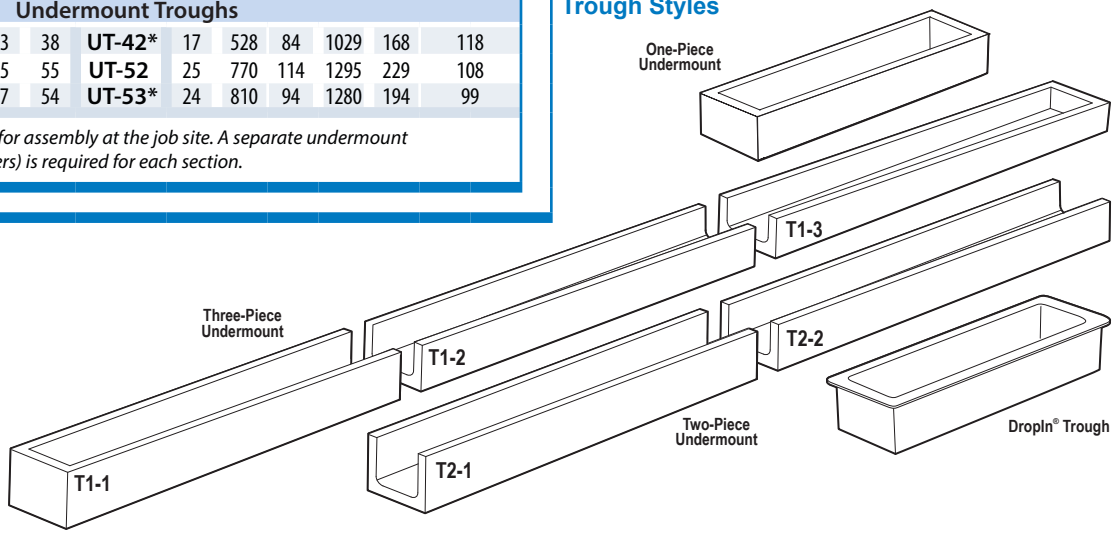
Dimensions (in) Inside Dims. X	Inside Dims. Y	Inside Dims. Depth D1	Inside Dims. Depth D2	Outlet X	Outlet Y	Wt. (lb)	Model No.	Dimensions (mm) Wt. (kg)	Outlet X	Outlet Y	Inside Dims. X	Inside Dims. Y	Inside Dims. Depth D1	Inside Dims. Depth D2
Two Section Open-End Troughs														
72.0	3.9	3.8	4.5	Per Spec.		48	**T2-1**	22	Per Spec.		1829	98	95	114
72.0	3.9	3.1	3.8	Per Spec.		48	**T2-2**	22	Per Spec.		1829	98	78	95
Three Section Troughs														
72.0	6.6	3.8	4.5	Per Spec.		48	**T1-1**	22	Per Spec.		1829	168	96	115
72.0	6.6	3.0	3.8	Per Spec.		48	**T1-2**	22	Per Spec.		1829	168	77	96
72.0	6.6	2.3	3.0	Per Spec.		48	**T1-3**	22	Per Spec.		1829	168	58	77
Drop-In Troughs														
34.5	6.4	3.6		13.4	3.2	29	**DT36***	13	340	81	876	163	91	
46.6	6.4	3.5		19.4	3.2	39	**DT48***	18	493	81	1184	163	89	
Undermount Troughs														
40.5	6.6	4.6		20.8	3.3	38	**UT-42***	17	528	84	1029	168	118	
51.0	9.0	4.3		30.3	4.5	55	**UT-52**	25	770	114	1295	229	108	
50.4	7.4	3.9		31.9	3.7	54	**UT-53***	24	810	94	1280	194	99	

** Sectional troughs ship in pieces for assembly at the job site. A separate undermount support system (supplied by others) is required for each section.*

Dimensions Key



Trough Styles



SEFA Recommended Chemical/Stain Resistance Test Results

Chemical Resistance for Black Onyx

Reagent Tested	Test	Rating
Amyl Acetate	A	0
Ethyl Acetate	A	0
Acetic Acid, 98%	B	0
Acetone	A	1
Acid Dichromate, 5%	B	0
Butyl Alcohol	A	0
Ethyl Alcohol	A	0
Methyl Alcohol	A	1
Ammonium Hydroxide, 28%	B	0
Benzene	A	1
Carbon Tetrachloride	A	0
Chloroform	A	1
Chromic Acid, 60%	B	0
Cresol	A	0
Dichloro Acetic Acid	A	0
Dimethylformamide	A	0
Dioxane	A	0
Ethyl Ether	A	0
Formaldehyde, 37%	A	0
Formic Acid, 90%	B	0
Furfural	A	1
Gasoline	A	0
Hydrochloric Acid, 37%	B	0
Hydrofluoric Acid, 48%	B	3
Hydrogen Peroxide, 28%	B	0
Tincture of Iodine	B	0
Methyl Ethyl Ketone	A	0
Methylene Chloride	A	0
Mono Chlorobenzene	A	0
Naphthalene	A	0
Nitric Acid, 20%	B	0
Nitric Acid, 30%	B	1
Nitric Acid, 70%	B	1
Phenol, 90%	A	0
Phosphoric Acid, 85%	B	1
Silver Nitrate, Saturated	B	0
Sodium Hydroxide, 10%	B	1
Sodium Hydroxide, 20%	B	1
Sodium Hydroxide, 40%	B	1
Sodium Hydroxide, Flake	B	1
Sodium Sulfide, Saturated	B	2
Sulfuric Acid, 25%	B	1
Sulfuric Acid, 85%	B	2
Sulfuric Acid, 96%	B	3
Sulfuric Acid 85%, and Nitric Acid 70%, equal parts	B	3
Toluene	A	1
Trichloroethylene	A	0
Xylene	A	0
Zink Chloride, Saturated	B	0

Chemical/Stain Test Evaluation

After 24-hours exposure, exposed areas were washed with water, then a detergent solution and finally with isopropyl alcohol. Materials were then rinsed with distilled water and dried with a cloth. Samples are numerically rated as follows:

0 = No Effect	1 = Excellent	2 = Good	3 = Fair
No detectable change in the material surface.	Slight detectable change in color or gloss but no change in function or life of the surface.	A clearly discernible change in color or gloss but no significant impairment of surface life or function.	Objectionable change in appearance due to discoloration or etch, possibly resulting in deterioration of function over an extended period of time.

Test Method A
For volatile chemicals - A cotton ball saturated with the test chemical was placed in a one ounce bottle (10mm x 75mm test tube or similar container). The container was inverted on the test material surface for a period of 24 hours. Temperature of test: 23° +/-2° C (73° +/-4° F). This method was used for the organic solvents.

Test Method B
For non-volatile chemicals - Five drops (1/4cc) of the test chemical were placed on the test material surface. The chemical was covered with a watch glass (25mm) for a period of 24 hours. Temperature of test: 23° +/-2° C (73° +/-4° F). This method was used for all chemicals listed below other than the solvents.

SEFA Recommended ASTM Test Results

Physical Test Results

ASTM	Test	Imperial	Metric
ASTM D785-08	**Rockwell Hardness**	110 [M scale]	110 [M scale]
ASTM D696-03*	**Linear Thermal Expansion**	1.18x 10^{-5} [in/in˚F]	2.12 x 10^{-5} [mm/mm˚C]
ASTM D3801-00*	**Burning Characteristics Sample as Received**	30 Seconds Max. Burning Time	30 Seconds Max. Burning Time
ASTM D3801-00*	**Burning Characteristics Sample Heat Aged**	41 Seconds Max. Burning Time	41 Seconds Max. Burning Time
ASTM D635-06*	**Fire Resistance**	Self Extinguishing	Self Extinguishing
ASTM D570-98*	**Water Absorption**	0.008 [% after 24 hrs]	0.008 [% after 24 hrs]
ASTM D792-00	**Density**	133 [lb/ft^3]	2.13 [g/cm^3]
ASTM D695-02	**Compressive Strength**	33.5 [kpsi]	231 [MPa]
ASTM D648-07	**Heat Distortion Temperature**	380 [˚F]	194 [˚C]
ASTM E84-06*	**Fire Resistance - Flame Spread Index**	0.29 [in]	7.4 [mm]
ASTM E84-06*	**Fire Resistance - Smoke Developed Index**	0.88 [in]	221.2 [mm]
ASTM D790-07	**Flexural Strength**	14.9 [kpsi]	103 [MPa]

*** Lower number preferred**

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SEFA Recommended Chemical/Stain Resistance Test Results

These test results are based on the Scientific Equipment & Furniture Association's (SEFA) Standard Practices and are presented to help determine Durcon Epoxy Resin's suitability for a given application. Results are subjective and should be used as guidelines as they will vary by manufacturer due to differences in composition, finish, formulation and the independent test lab selected. The SEFA standard states, "Laboratory Grade work surface finishes shall result in no more than 4 Level 3 conditions."

Please refer to www.durcon.com/Chemical-Resistance for the latest test results.

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THE MOST COST-EFFECTIVE LABORATORY WORKSURFACES AVAILABLE

DURABILITY
DURCON products are monolithic and non- porous; they cannot delaminate or swell.

APPEARANCE
DURCON products have a smooth, low glare surface that is easy to clean and maintain.

FOOD SAFETY
DURCON epoxy resin products are NSF/ANSI 51 certificated for use in food service areas.

HEAT RESISTANT
DURCON products withstand temperatures normally encountered in laboratory work.

SAFETY
DURCON epoxy products contain no asbestos, will not ignite, are non-conductive and are certified "excellent" for ease of decontamination for use in radioactive areas.

REAGENT RESISTANT
DURCON products are highly resistant to the corrosive effects of most chemicals.

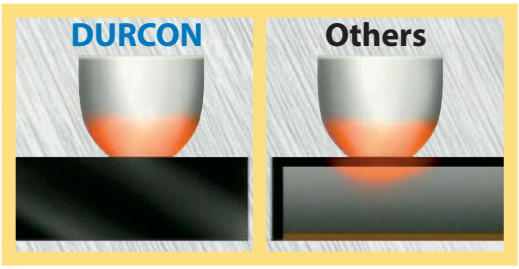
EXPERIENCE
DURCON products have been used successfully for decades worldwide in virtually every type of laboratory.

INDOOR AIR QUALITY
DURCON epoxy resin products are low-emission certified by Greenguard®

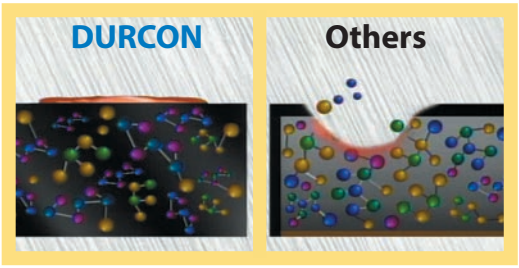
MADE IN THE USA
DURCON epoxy resin products are 100% manufactured in the USA.

MADE IN THE USA

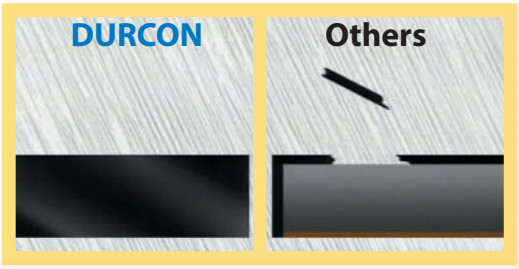
Durcon Is Heat Resistant



Durcon Is Reagent Resistant



Durcon Will Not Delaminate



SUSTAINABILITY

Durcon is a member of the United States Green Building Council and our worksurfaces meet various Leadership in Energy and Environmental Design (LEED) standards which may contribute toward LEED Certification.* DURCON products can contribute towards the following LEED Credits:

U.S. GREEN BUILDING COUNCIL MEMBER

Credit MR 5.1 & 5.2 Point of Manufacture / Point of Extraction
Credit EQ 4.1 VOC Content (Health Care & School Buildings)
Credit MR 4.1 & 4.2 Recycled Content (Greenstone)
MR 3.1 and 3.2 Material Reuse

* *LEED is an independent certification program by the US Green Building Council that considers the number of eco-friendly materials used in a construction project.*