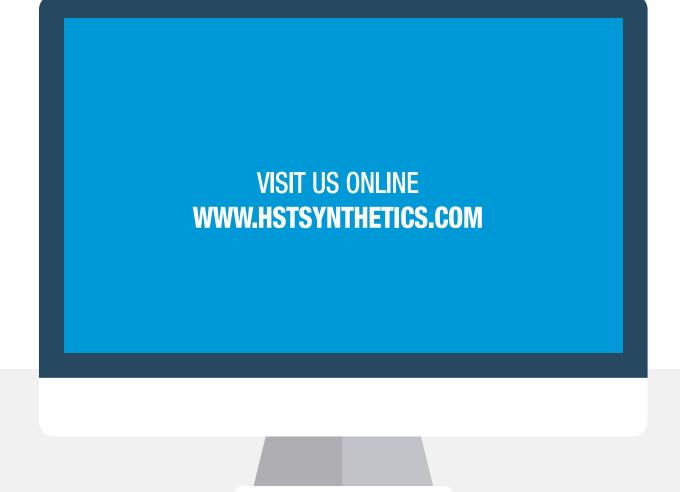


POOL & SPA COVERS AND ACCESSORIES



PRODUCT CATALOGUE



Whether you are travelling to meetings, out on sales calls, or working from a client's site, check out our website at **www.hstsynthetics.com** for the swimming pool or spa products you need to get the job done.



PRODUCTS AND PARTNERS































HST SYNTHETICS

6630 Edwards Blvd. Mississauga ON L5T 2V6

PRODUCT CATALOGUE

PAG	GE CONTENT
	Important Dates
4 .	Spa Covers and Accessories
6 .	Bi-Fold & Quad-Fold Spa Covers
7 .	Supreme Spa Cover
8 .	Hydraulic ULTRALIFT
9.	ULTRALIFT
10	UltraLift BoomerangLifter
12	UltiMate Hot Tub Cover Lifter / Cover Cap
13	Spa Accessories
14	Spa Cover Colours
15	PRO-Tex Cover Colours
16	Pool Covers and Accessories
17	The Sun Bubble
18	Pool Cove
19	Merlin Safety Covers
21	Lock-In and Rip-Stop Pool Cover
22	Smart Drain / Water Tubes
23	Order Forms
24	Custom Spa Cover Order Sheet
25	The Sun Bubble Order Sheet
26	Winter Cover Order Sheet
27	Safety Cover Order & Measuring Sheet #1
28	Safety Cover Order & Measuring Sheet #2
29	Safety Cover Order & Measuring Sheet #3
30	Safaty Coyer Order & Measuring Sheet #4







Environmentally Friendly Spa Covers from HST! "CFC-free foam - our foam manufacturing process uses steam rather than ozone-depleting freon agents thus protecting the ozone layer.



FEATURES:

- High insulating value (3" has 13.11 R factor)
- 3"-2" / 4"-2" / 4"-3" / 5"-3" / 5"-4" and 6"-4" tapered covers
- Minimal water absorption
- Aluminum channel down centre for additional strenath
- Durable marine grade top vinyl with U.V. and mildew inhibitors
- Solid vinyl bottom line
- Safety latches
- Reinforced handles
- Full 3" skirt for improved heat retention
- Custom made in 22 attractive colors

Environmentally Friendly

6

Spa Covers



Cover can be easily folded by one person and left on the end of the spa, leaving 3/4 of the spa accessible.

FEATURES:

- 3"-2" / 4"-2" / 4"-3" / 5"-3" / 5"-4" and 6"-4" tapered covers
- · 4" insulating foam has 17.5R factor
- 6 pieces aluminum 'C' channel for greater strength
- Minimal water absorption: foam is heat sealed in plastic bag
- Durable marine grade top vinyl with U.V. & mildew inhibitors
- Vinyl laminated bottom material
- · Safety latches
- Reinforced handles
- Full 3" skirt for improved heat retention
- · Custom made in 22 attractive colors







Made from 2lb density, 5"-4" tapered foam for

SUPER STRENGTH!

" Environmentally Friendly Spa Covers"



SWIM SPA COVERS

Swim Spa covers for any size Swim Spa. Dozens of templates on file. As well as custom in-ground covers for those large spa projects







ultralift is corrosion-resistant. Compression gas springs provide extra lift assistance, making it simple for one person to remove the lid with minimal effort. Replacing the cover is equally easy, enabling an individual to return the cover securely to the correct position which reduces heat loss from your spa.

ultralift is easy-to-use and fits virtually every size, shape and brand of spa!

The **Hydraulic Mount** cover lifter attaches to the side of your spa, acting as a privacy screen when in the open position.



NOW YOU'RE COVERED!

Now you can carry the right cover lifter for all your customers' needs .

Introducing Ultralift - the new spa cover lifter that fits virtually every size, shape and brand of spa.

UNIQUE SLIDING-BRACKET MOUNTING SYSTEM

Ultralift's patented sliding brackets mount to the deck or directly to the side of the spa and adjust to fit into the tightest of spaces.

FITS VIRTUALLY EVERY SPA

Ultralift adjusts easily to fit round, square and even angled-corner spas.

SAFE AND SIMPLE DESIGN

Ultralift's elegantly simple design includes a built-in locking pin to hold the open cover safely in place.

HEIGHT-ADJUSTABLE FOR PRIVACY

Ultralift lets customers adjust the open cover height to their liking - high for greater privacy or low for an unobstructed view.

EASY INSTALLATION

Ultralift can be installed in less than an hour with a just a drill, screwdriver and a few other basic tools.

STURDY AND DURABLE

Ultralift features sturdy 11/4" diameter aluminum tubing and corrosion-resistant powder-coating for years of reliable, worry-free service.









NEW! ULTRALIFT BOOMERANG LIFTER

The Boomerang is the second generation Visionlift. We have eliminated the need to drill a secondary bracket location and streamlined the design.

Using a dual shock system, it lifts the cover and places it behind the tub- providing the user with a clean visual line- allowing your client to see your backyard, socialize with guests and keep an eye on any children or pets while using their hot tub. The Visionlift provides a full 360 degree view.

- Made in North America
- Limited Lifetime Warranty
- Aluminum Brackets
- Galvanized Arms
- 110lb Dual Gas Shocks
- Positions Cover Fully Behind Hot Tub
- Max Cover Width: 98"
- Clearance Required: 10-14" & 5" on the Side









NEW! ULTRALIFT FREEMOUNT LIFTER

Composite cabinets are thin and laborious to reinforce. Lighting and sound features on a spa can also make finding a suitable cover lifter system difficult- often leaving the consumer no choice but to select a standard undermount system.

The FREEMOUNT changes that. Our system allows the consumer to purchase a lifter with hydraulic assist, allows them to select their preferred mounting height with Ultralift's sliding bracket technology.

- No Drilling, No Holes
- Effortless Installation
- Works With All Cabinet Designs
- No Need to Reinforce the Spa Cabinet
- Made From Corrosion Resistant Aluminum















ULTIMATE LIFTER**

Standard Mount Undermount Hydraulic

** Glossy Finish, No foam handle, Painted steel bracket, No discount program, One year warranty.



HOT TUB COVER CAP

COVERCAP

14 sizes to fit almost every tub, including Swim Spas.
See price book for available sizes.

IN STOCK AND READY TO SHIP!







HURRICANE

An added security for your spa cover. Made from the same marine grade vinyl as our spa covers, the Hurricane Strap is an extra locking strap, which fits across your spa and comes complete with a locking assembly on each end.



Cradle your head in comfort with HST's weighted spa pillows. Made from the same marine grade vinyl as our spa covers with a soft foam insert.







THERMAL-FOAN

Designed to float on the water's surface, the THERMAL-FOAM floating spa blanket is lightweight and durable. It protects and extends the life of your spa insulating cover while significantly reducing heat loss and chemical evaporation/consumption. Blue in color and made of 1/8" thick closed-cell polyethylene foam, these blankets are easily cut to size, and much more resistant to "bunching up" than the bubble blankets.



The 8'x 8' Floating SPA Blanket floats on the water underneath regular spa cover to cap heat in.

- Save heating costs by reducing the demand placed on the heating system and save chemical costs by reducing evaporation.
- Easily cut to fit the exact shape of the spa.



SPA COVER COLOURS

ALMOND	ASH GREY	BLACK
BROWN	BURGANDY	CHARCOAL
CHESTNUT	HUNTER GREEN	LIGHT GREY
MAHOGANY	NAVY	SKY BLUE
TAN	TEAL	SPECIALTY VINYL CARBON
SPECIALTY VINYL		
MERLOT	A CHEST S	



PRO-TEX COLOUR SWATCH



15

www.hstsynthetics.com





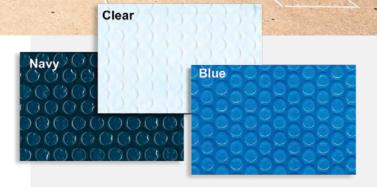
SUN BUBBLE SOLAR BLANKET



Fits any pool, in ground or above-ground, from small to Olympic size. Within minutes it can be trimmed to fit any shaped pool.

Attractive marine blue tint, clear, and navy tint enhance the natural beauty of your pool. Available in 3 different qualities to suit every buyers need. The SunbubbleTM design will give you a durable, efficient, long lasting pool cover. Maintaining your pool can cost a small fortune as costly chemicals and water are continually being lost through evaporation. The SunbubbleTM reduces this evaporation. Your chemical costs are consequently reduced, and your water loss is virtually eliminated. The SunbubbleTM dramatically increases the efficiency of your pool heater, reducing heating costs.

The sun's heat is transmitted through the translucent Sunbubble $^{\text{TM}}$ and is absorbed in the water below. Floating on the surface, thousands of unique solar air cells retain the absorbed heat to raise the pool temperature by up to 10-15 $^{\circ}$ F. This lets you swim comfortably more hours in the day, more days in the year.





Made from silver/ black or blue/black woven polyethylene with Velcro fasteners.





CLASSIC MESH:

Many of our dealers have asked us for a cover built to compete in the lower end safety cover market. Classic mesh covers still have the precise fit and finish we are known for, but without the upgraded materials used in our other covers. Classic mesh is an entry level safety cover.

DURA-MESH:

Increased filament sizes and increased number of filaments used, means your Dura-Mesh cover is designed to outperform any other standard mesh cover on the market. By tightening the weave of the filaments and increasing the filament size itself, Dura-Mesh allows much less sand, silt and debris to pass through the cover, while still allowing for rain and melting snow to pass through. Providing 91% shade Dura-Mesh means a cleaner pool in the spring. By using thicker filaments in a denser weave, Dura-Mesh is designed for superior performance under harsh conditions. Dura-Mesh is made with higher abrasion resistance to last longer.

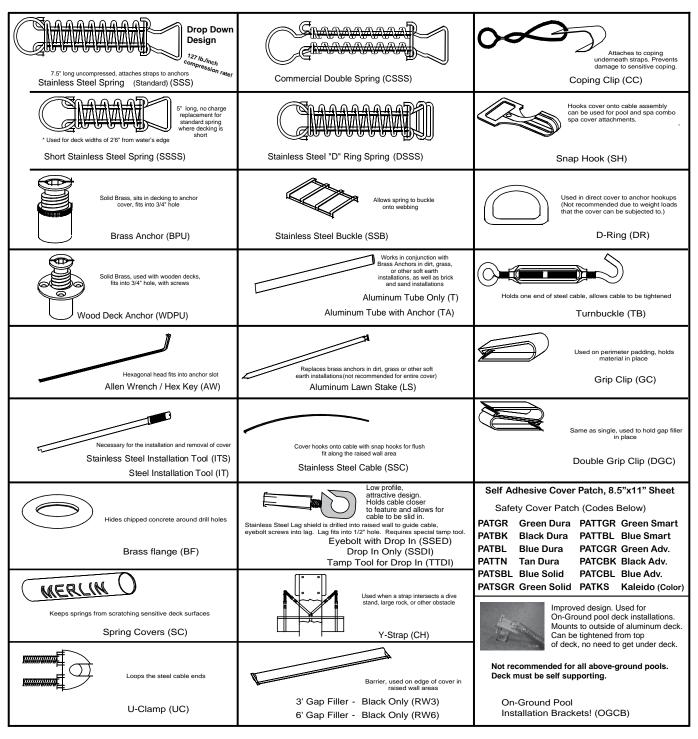
- 14% Thicker
- 20% Increase in Tensile Strength in length
- 60% Increase in Tensile Strength in the width
- 40% Stronger Burst Strength
- Significantly better filtration of debris from other standard mesh materials

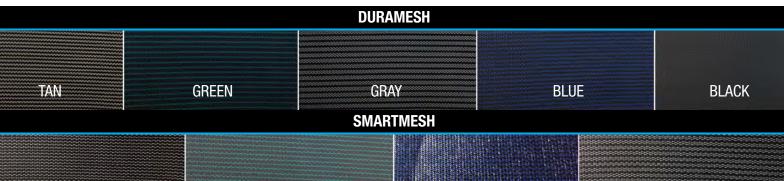
SMART-MESHTM *** PATENT APPROVED ***

- Smart-Mesh is not just another mesh cover! This
 revolutionary product will give you an edge over
 your competition. Offer your customers something
 different, something that works.
- 100% Shade minimizes algae risk
- Average filtration down to 40 microns. (Sand filters typically filter to 20-30 microns.)
- Smart-Mesh is 40% lighter than solid cover material.









BLUE

GRAY

905.670.3432

TAN

GREEN



LOCK-IN POOL COVER

Made from triple layer woven polyethylene. Standard bead snaps easily into the coping track. Custom made to fit all swimming pool sizes and shapes. Lightweight and easy to store (does not require summer storage in water).

- Tough durable black polypropylene thread
- · Double chain stitched seams and hems



RIP STOP POOL COVER

Triple layer woven polyethylene. Provides long lasting protection.

- · Resists ultraviolet rays
- Prevents algae growth
- · New black weave tapes with blue coating each side
- · Lightweight store
- · Water and weather proof
- · Tough durable black polypropylene thread
- · Double chain stitched seams and hems
- Terrific value



Easy Work!

ELIMINATES:

- The dread of pool openings
- **Cover Parachuting**
- Leaves & debris on your cover
- Pumping off water at opening
- The need for a huge volume of water to refill the pool
- Standing water which promote mosquitoes that could carry the West Nile virus

SMARTDRAIN eliminates water accumulation with a fine blue mesh screen that runs in a line down the centre of the cover. During winter, ice and snow weigh down the cover in the centre and when spring warmth melts the precipitation, the water simply filters into the pool through the mesh. As the water runs down into the pool, the cover slowly rises until it is stretched tightly across the pool. Winter debris such as leaves and dirt dry up and blow away.



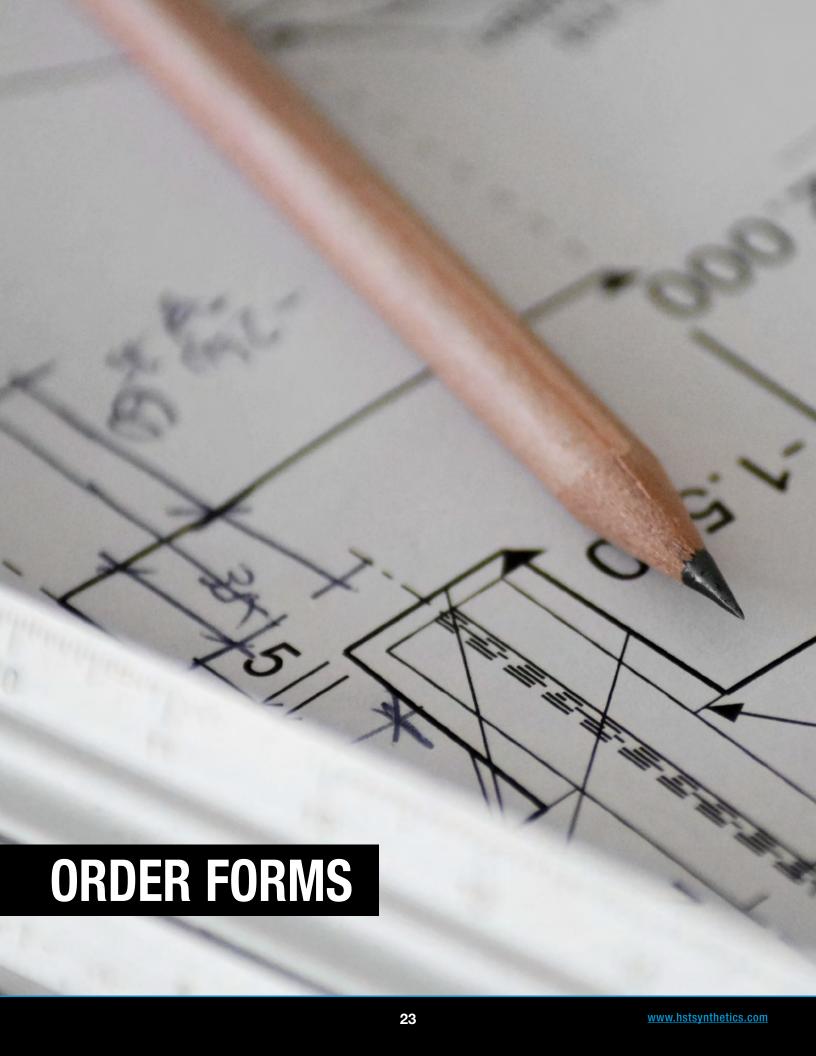
A REVOLUTION IN TRADITIONAL WINTER COVERS



WATER TUBES:

Available in 8' and 10' lengths, Single Chamber, Double Chamber or Deluxe*.

* Deluxe Tubes: Intermittently sealed down the centre to prevent rolling. This tube has the benefits of a double tube with only one valve and chamber to fill.





Dealer Name:		Customer lag:	
Spa Manufacturer Brand:		Model:	Year:
Skirt Length:	4 ▶ 3"		a cover cap and a
Does your cover require speaker	hoods? Yes. 🔲 2 or 🔲 4		Quick Ship 🔲
Please indicate fold direct	tions. If direction is not indicat	ed we will split the longest m	easurement.
^	1	Spa Cover Upgrades and I	oundles
A 90° Corners B Round	A Round Corners A Octagon B Octagon	Overlap Skirt Full Centre Seal Vapour Barrier 4 mil Double Aluminum Seam Protector Reflective Liner OR choose an upgrade bundle Better Cover	4 mil vapour barrier Overlap skirt at centre Full foam centre seal
A One Cut Corner B	A Two Cut Corners	Fill in Spa Dimensions He A Inches C Inches Special Instructions	6 mil vapour barrier Overlap skirt at centre Full foam seal Set of 2 Rubber Handles Te: B Inches
Swim Spa or- Multi-panel covers	Four Cut Corners B	Signature: Please sign and date to have provided on this form is correctly Your Signature Date	elow to verify all the information you ect.

905.670.3432 24



18 x 36 20 x 34 20 x 40 20 x 44 24 x 40 24 x 44 Custom Sizes: 6630 Edwards Blvd., Mississauga, ON L5T 2V6 ·Tel: 905.670.3432 · Fax: 905.670.3485 info@hstsynthetics.com · www.hstsynthetics.com

					iii e ii e ii e ii e i e i e i e i e i			,
Customer:					Date:			
Packaging:	Bag:	or I	Вох:	Shipping: or P/U:	Carrier Name	:		
	Si	lver		Gold	Platinum	Sı	ınmaxx	
	3 Year	Warranty	5 Yea	ar Warranty	5 Year Warranty	5 Yea	r Warranty	Protection
	Clear	Blue	Clear	Blue	Blue Only		Navy	Cover
12' Round								
15'								4' x 13'
18'								4' x 15'
21'								4' x 17'
24'								4' x 19'
27'								4' x 21'
								4' x 23'
12 x 18 Oval								
12 x 25								
15 x 24								
15 x 30								
16 x 32								
18 x 33								
12 x 24 Rect.								
14 x 28								
15 x 30								
16 x 24								
16 x 32								
16 x 34								
16 x 40								
10 v 3/								

Customer:	Date:
Boxes:	Bags:

20,000			=901		
Pool Size	7 Year	10 Year	Leaf Net	Water Tube	
12' Round				8' Single:	
15'				8' Double:	
18'				8' Deluxe:	
21'				10' Single:	
24'				10' Double:	
27'				10' Deluxe:	
30'					
12x18 Oval					
12x25					
15x30					
16x26					
16x32					
18x33					
18x36					
12x24 Rect.					
14x28					
15x24					
15x30					
16x24					
16x26					
16x32					
16x24					
16x36					
16x40					
18x33					
18x36					
20x34					
20x40					
20x44					
22x36					
24x40					
24x44					

905.670.3432 26

Job Name	Pa	ge	0f	

1. Establish two points, "A" & "B", ("A" must be to the left of "B" facing the pool) on the deck area about 2/3 the length of the pool; 20'-25' is typical. (The longer the line, and the farther away from the pool, the better for accuracy).

Mark your "A-B" points with stakes in the ground or chalk marks on the deck. Show "A-B" line on diagram along with distance from "A-B" and the direction of your points around the pool

IMPORTANT: The "A-B" line, or extensions of, CANNOT intersect or come with 3' of pool.

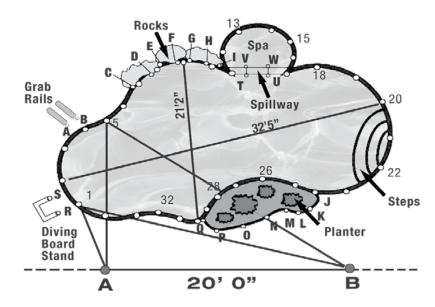
2. Using chalk marks. Number points in a clockwise direction along the inside edge of the pool at approximately 2'-3' intervals. The tighter the radii, provide more points, every 1'-2'. Straight lines or broad radii less points, every 3'-4'. The more points the better. Be careful and number all corners, changes of direction and obstacles. You must provide "A-B" points for all corner points.

Use letters A, B, C to mark obstacles such as ladders, handrails, grab rails, slide legs, dive stands, rocks, spillways, spa walls, fill spouts, etc.

- **3.** Measurements are now taken from "A" to point #1, then point #2, and all around the pool, fill in the chart. Than measure from "B" to the same point #1, then #2, and all around the pool as for "A". List the measurements in column format as in the sample form. Measure the length and width of the waterline using two established numbered points on pool
- **4.** Use a sketch to indicate inside pool dimensions, Show all obstructions on deck, (slides, grab rails, etc.) planters and how far back they are from pool edge, rocks, spas, waterfalls, etc. Please mark by letters A, B, C anything measured that is not at the water's edge.
- **5.** For obstructions that are flush with the pool wall, provide "A-B" points and tell us where the raised or rock area begins and ends.
- **6.** Show us on the diagram where there is less than 3' of deck.
- **7.** Remember: don't show removable obstructions when possible.
- **8.** A photo is required for all pools with unusual obstacles.

HINTS: Only through accuracy can we ensure a proper fit. We make the cover from your dimensions; spend the time and be as accurate as possible.

WARNING! The use of stakes and tubes on over 30% of cover, does not meet ASTM standards for safety covers.



														_ Pa	ge			Of _		_
A		В	3		A			В				A		В			A	\		E
eet In	ch F	Feet li	nch		Feet I	nch	Feet	Inch			Fee	t Inc	h Fe	et In	ch_		Feet	Inch	Feet	ا
				24						47						70				
				25						48						71				
				26						49						72				
				27						50						73				
				28						51						74				
				29						52						75				
				30						53						76				
				31						54						77				
				32						55						78				
				33						56						79				
				34						57						80				
				35						58						81				
				36						59						82				
				37						60						83				•
				38						61						84				
				39						62	T					85				
		İ		40						63						86				,
				41						64						87				•
		Ì		42						65						88				,
				43						66						89				•
		Ì		44						67						90				•
				45	i i					68						91				•
	\neg			46						69	1	\top		\neg		92				
s on P	ool	В		45 46	se prov	ide d	lescrip	ptions:	Handr	68 69					· Dive Ro	91 92	anters	s, etc.		
Inch	Feet	Inch								Fe	et	Inch	Feet	Inch						
									h											
									i	T										•
									j											•
									k											•
									T											•
		1							m											
	_	+-																		-
	on P	on Pool	on Pool	on Pool	24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46	24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46	24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 46 B	24	24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46	24	24	24	24	24	24	24	24		24	24

905.670.3432 28

Customer ID#			Page of
Dealer Name:			PO#
Distributor Name:			Job Name:
Address:			Ship with other orders?
City:	Prov.:	Postal:	Shipping Instructions: Pick-Up? Drop Ship?
Contact:			Ship to:
Phone:			
Fax:			

□ ORDER □ QUOTE If nothing is checked, we will assume this is a quote only!

Standard Pool Shapes (All dimensions are assumed to be pool size unless otherwise noted).

Rectangle Grecian Lazy L (Right Shown) True L (Left Shown) 90° Diag. Rad. Diag. 1 Lazy L Right True L Right Diag. 2 Lazy L Left True L Left True Oval Roman

Material and Colour:

	Patented SmartMesh™ Gr	een
	Patented SmartMesh™ Bl	ue
	Dura-Mesh Green	
	Dura-Mesh Black	
	Dura-Mesh Blue	Solid and
	Solid Green	Kaleidoscapes! Please choose
	Solid Blue	pump or drain panel
	Advanced Mesh Black	
	Kaleidoscapes!	
	Kaleidoscapes!	
	Kaleidoscapes!	
	Classic Mesh Green (Econom	ny Cover)
For Soli	ds Please Indicate: Pump Drain Panel (Add	ditional charges apply)
Overlap:	Standard (Rect. 12'x15' FREE 1 Other *	,
Spacing:	5'x5' 3'x3	3'
#1 #2 _	imout Sizes: X X X	
	pool have Radius or Dia Radius-Size	agonal Corners?
you want the	Diagonal or 4' Radius are normally r m cut and an up charge will apply. I tomatically and up charge will apply	not cut. You must indicate Larger corners than these

Modify drawings to the left or provide sketch on Form 2 to show step location and dimensions. In the event the cover ordered does not meet ASTM Standards, Merlin Industries may request that a waiver be signed.

				Pa	ge	Of
Obstructions & Specia	I Information					
Obstructions & Specia	i illioimation					
Rock Boulders	From Point to					Cable
Gravel or Stone	From Point to				Lawn Stakes	
☐ Waterfall	From Point to				Up & Over	Cable
Raised Wall	From Point to	point Lengti	of raised wall		☐ Up & Over	Cable
☐ Grass Area ☐ Planter	From Point to From Point to				☐ Lawn Stakes☐ Lawn Stakes	
	esired at Planter area	point and po	Jiiit to	point	Lawii Otakos	L Tubes
☐ OTHER	From Point to	point and po	oint to	point	☐ Up & Over	Tubes
☐ Raised Spa	From Point to				☐ Up & Over	Cable
☐ Wood Deck	From Point to	point and po	oint to	point	Tubes or Lawn Stal	ces may
Velcro on Perimeter Padding	From Point to	point and po	oint to	point	require liability wai	ver.
Special or Extra Hardy	vare Needed					
☐ Brass Flanges	Entire Pool or Quantity		∃Standard Spri	nae F	ntire Pool or Quan	tity
Aluminum Tubes	Entire Pool or Quantity		J Short Springs		intire Pool or Quan	
Lawn Stakes	Entire Pool or Quantity		☐Commercial S		ntire Pool or Quan	
Wood Deck Anchors	Entire Pool or Quantity		OTHER		ntire Pool or Quan	
On-Deck Pool Clamps	Entire Pool or Quantity] Installation Ins			
Installation Tool	Cover includes one or Qu	antity	\square Clip on Perimet	er Padding E	ntire Pool or Quan	tity
Important: Please draw '	'A-B" line in relationship	to pool.		Numb	er points clockwis	se around
Important: Please draw 'pool.	"A-B" line in relationship	to pool.		Numb	er points clockwis	se around
· ·	'A-B" line in relationship	to pool.		Numb	er points clockwis	se around
· ·	'A-B" line in relationship	to pool.		Numb	er points clockwis	se around
· ·	"A-B" line in relationship	to pool.		Numb	er points clockwis	se around
•	"A-B" line in relationship	to pool.		Numb	er points clockwis	se around
•	'A-B" line in relationship	to pool.		Numb	er points clockwis	se around
•	'A-B" line in relationship	to pool.		Numb	er points clockwis	se around
· ·	'A-B" line in relationship	to pool.		Numb	er points clockwis	se around
•	'A-B" line in relationship	to pool.		Numb	er points clockwis	se around
•	'A-B" line in relationship	to pool.		Numb	er points clockwis	se around
•	'A-B" line in relationship	to pool.		Numb	er points clockwis	se around
· ·	'A-B" line in relationship	to pool.		Numb	er points clockwis	se around
•	'A-B" line in relationship	to pool.		Numb	er points clockwis	se around
· ·	'A-B" line in relationship	to pool.		Numb	er points clockwis	se around
· ·	'A-B" line in relationship	o to pool.		Numb	er points clockwis	se around
· ·	'A-B" line in relationship	o to pool.		Numb	er points clockwis	se around
· ·	'A-B" line in relationship	to pool.		Numb	er points clockwis	se around
· ·	'A-B" line in relationship	to pool.		Numb	er points clockwis	se around
· ·	'A-B" line in relationship	to pool.		Numb	er points clockwis	se around
· ·	'A-B" line in relationship	to pool.		Numb	er points clockwis	se around
· ·	'A-B" line in relationship	o to pool.		Numb	er points clockwis	se around

Important: "A-B" line, or extension of, CANNOT intersect or come 3' of pool. "A" should be left of "B" looking at pool.

905.670.3432 30

NOTES			

