

SNAP TAPE TIPS FOR SUCCESS

Snap tape result in a soft, smooth closure and you can keep them that way by following these guidelines.

Melting Point – 332° F/ 167° C

The melting point for plastic snaps is 332° F / 167° C. Typical screen print inks cure at 320° F degrees (160° C). When using higher temperatures than typical screen print curing, we recommend the snap tape section of the garment is folded under, covered, or snapped prior to entering the dryer.

Do not place in heat press with snaps open under press.

The scoop on dyeing

Snap tape products have the ability to garment dye (direct or reactive) or tie dye. All testing shows crock level passing at 4.5. LAT recommends customers perform crock tests specific to their dye supplies and process.

Care Instructions – easy does it Do not iron directly on snaps.



LAT Apparel 137 Leo Taylor Lane I Ball Ground, GA 30107 Phone: 800-414-5650 I Fax: 770-479-4078 E-mail: service@latapparel.com

GET SNAP Apply.

Make your customers happy, too!



DISCHARGE RATING

FAMILY OF BRANDS

COLOR		PANTONE CODE	DISCHARGE RATING		
	APPLE	360	В		
	AQUA	637	А		
	ASH	COOL GRAY 1	С		
	BALLERINA	705	А		
	BANANA	1205	В		
	BLACK	BLACK 6	В		
	BLENDED WHITE	7541	С		
	BROWN	476	А		
	BUTTER	1215	В		
1	CARDINAL	202	В		
	CARIBBEAN	3252	А		
	CAROLINA BLUE	7453	С		
	CHARCOAL	445	А		
	CHILL	324	А		
	COBALT	7461	С		
	FIRE	WARM RED	В		
-	FOREST	3302	А		
	FUCHSIA	234	В		
	GARNET	1955	В		
	GOLD	137	А		
	GRASS	556	В		
	GREEN	7482	В		
	HEATHER	COOL GRAY 5	С		

COLOR		PANTONE CODE	DISCHARGE RATING		
	HOT PINK	1915	А		
	INDIGO	5405	С		
	IRIS	660	С		
	JADE	3285	В		
	KELLY	3288	В		
	KEYLIME	366	В		
	LAVENDER	521	С		
	LIGHT BLUE	543	С		
	MANDARIN	151	В		
	MAROON	7421	B		
	MILITARY GREEN	7497			
	MINT	7486	А		
	NATURAL	7499	С		
	NAVY	655	В		
	ORANGE	172	В		
	PAPAYA	1635	С		
	PINK	1895	А		
	PLUM	682	С		
	PURPLE	269	А		
	RASPBERRY	211	А		
	RED	185	А		
	ROYAL	287	С		
	SILVER	441	А		



DISCHARGE RATING

FAMILY OF BRANDS

COLOR		PANTONE CODE	DISCHARGE RATING	
	SMOKE	426	А	
	TEXAS ORANGE	471	А	
	TURQUOISE	639	В	
	VINTAGE BURGUNDY	7428	А	
	VINTAGE GREEN	340	В	
	VINTAGE HEATHER	COOL GRAY 5	С	
	VINTAGE HOT PINK	1915	А	
	VINTAGE NAVY	7547	А	
	VINTAGE ORANGE	WARM RED	В	
	VINTAGE PURPLE	669	С	
	VINTAGE RED	200	А	
	VINTAGE ROYAL	7455	С	
	VINTAGE SMOKE	426	А	
	VINTAGE TURQUOISE	638	В	
8	WHITE	7541	N/A	
	YELLOW	116	В	
	ZEST	101	В	

Discharge Print Rating Scale:

A - Ideal for discharge printing

B - Acceptable for discharge printing

C - Not recommended for discharge printing

*The information above is provided by LAT Apparel as reference only. Discharge testing was done on 4.5 oz combed ringspun cotton jersey products. For accurate discharge printing, a test sample is highly recommended. LAT Apparel assumes no liability for providing the above information. For additional information, please contact us at 800-414-5650 or email us at service@latapparel.com.

SubliVie Contract Printers

Arizona

Image Source 4802 South 35th Street Phoenix, AZ 85040 (602) 243-2728 Contact: Todd Moen

California

SAVI Customs 8675 Avenida Costa Norte San Diego, CA 92154 (866) 783-6489 sales@savicustoms.com Contact: Jessika

Connecticut

Rankin Sports 37 Newtown Road Danbury, CT 06810 (203) 743-1317 crankin@rankinsports.com Contact: Chuck Rankin

Florida

Designs Unlimited 4070 Sawyer Court Sarasota, FL 34233 (941) 923-4840 denise@designsunltd.com Contact: Denise or Ed

Georgia

Barber & Co. 204 Thomas Street Odum, GA 31555 (912) 586-6747 dewy@barberandcompany. com Contact: Dewy Barber

Swag Custom, L.L.C. 257 Confederate Ave. Jasper, GA 30143 (770) 292-9097 Contact: Lee

YSS Athletics 2145 Westside Court #A Snellville, GA 30078 (770) 982-9913 Contact: Torey Rose

Illinois

Shockwaves 1723 Marshall Drive Des Plaines, IL 60018 (847) 981-8661 Contact: Greg Gaardbo

lowa

Graffix/ Wall of Fame 1750 Madison Avenue Council Bluffs, IA 51503 (712) 329-3432

The Shirt Factory 1227 South Main Council Bluffs, IA 51503 (712) 325-8500 Contact: Kevin Feuring

Louisianna

Wear-N-Tear Sportswear 2504 Hickory Avenue Metairie, LA 70003 (504) 737-5394 Contact: Dane Clement

Massachusetts

Pop Tops Co. Inc. 10 Plymouth Drive S. Easton, MA 02375 (800) 647-8677 Contact: Jonathan Fine

Minnesota

Dubow Textile 455 Lincoln Avenue NE St. Cloud, MN 56304 (800) 705-9179 Contact: Rob Dubow

Missouri

Eagle Activewear 5900 South Spoede Warrenton, MO 63383 (636) 456-8887 Contact: Brent or Jamie

Hanneke's Logowear 1430 Macklind Avenue Saint Louis, MO 63110 (314) 647-2666 Contact: Larry Hanneke

New Jersey

Donray Printing 2 Eastman's Road Parsippany-Troy Hills, NJ 07054 (973) 515-8100 Contact: Ray or Jennifer

New York

North East Stitches and ink 95 Main Street S. Glens Falls, NY 12803 (518) 798-5549 Contact: Jim or Kindra

ALL U, Inc. 9 Interstate Avenue Albany, NY 12205 (518) 438-2558 Contact: Jim or Stephanie

North Carolina

Firefly Textiles 627 McWay Drive High Point, NC 27623 (336) 888-2530 dalec@fireflytextiles.com Contact: Dale Carter

Holt Sublimation 2208 Air Park Drive Burlington, NC 27215 (336) 222-3609 fholt@holtsublimation.com Contact: Frank Holt

South Carolina

Purple Tuna Tees 319 Garlington Road #B-11 Greenville, SC 29615 cary@purpletuatees.com Contact: Cary Hinze

Texas

A Finishing Touch 7027 Belgold, Ste. F Houston, TX 77066 (218) 414-4504

Scarborough Specialties 10501 Indiana Avenue Lubbock, TX 79423 (806) 792-9925 Iaser@scarspec.com Contact: Chris Hernandez

Stephen Joseph Inc. 4302 Ironton Ave. Lubbock, TX 79407 (806)791-2877 brandonb@stephenjosephinc.com Contact: Brandon Baker

Sublimation printers are listed for reference only and are not endorsed by SubliVie or LAT Apparel.

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PRINTING TIPS FOR PRINTED FABRICS

Screen printers could have issues with ink migrating from printed fabrics to the screen print image they place on the garment.

Dye migration can occur, as the heat during drying causes the printed dyes to revert back to a "liquid" state.

Try these tips below to improve results the next time you print on our printed tees and fleece.

- Use an ink formulated for high bleed resistance like a Wilflex Epic Poly White.
- Use inks like Wilflex Epic Low Cure which offer lower temperatures for curing to reduce the chances of migration.
- Add a tint to your underbase which may help neutralize the color of any migrating dye.
- Cure at no higher temperature or longer duration than the ink manufacturer's recommendation.
- Check your dryer frequently during long production runs and make needed adjustments to stabilize the temperature.

By following the tips above, printers can help reduce the bleeding of ink on our printed garments. Using the lower heat setting and appropriate dwell times during the curing process will lessen the tendency of the inks to migrate through the screen print design. Using specialty inks designed for polyester or reduced bleeding can also mitigate the effects of dye migration from the printed fabric.

As a reminder, always test your ink and equipment settings prior to production.



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CAPE PRINTING TIPS



To help make the most of your investment, LAT Apparel is pleased to provide tips for printing on our 100% satin polyester capes.

During screen printing, dye migration can possibly occur, as the heat during drying could cause the polyester dyes to revert back to a "liquid" state. This might cause the ink to migrate from the cape to the screen print that is placed on the garment. Improve results by following the tips below:

Screenprinting:

- Use inks formulated for polyester printing offering high bleed resistance like a poly white or ultra white. In some cases an under base gray can be very effective.
- Use a 110 or lower mesh count
- Flash between each print for 3 seconds to the recommended surface temperature. Check with ink manufacturer for specifics, but as a guide: Conventional inks 220 degrees Fahrenheit; Low cure inks 190 degrees Fahrenheit.
- Check with ink manufacturer for their recommended cure time and temperature. Cure no higher than 290 300 degrees Fahrenheit. If possible, use low-cure ink products to allow for lower temperature settings in the oven during the curing process. These products can cure as low as 270 degrees Fahrenheit.
- Oven dwell times may vary, but most ovens require a minimum of 45 seconds.

Heat Transfers:

- Use transfers that are made for 100% Polyester garments and formulated for bleed resistance
- Check with transfer manufacturer for their recommended cure time and temperature. Apply heat no higher than 330 degrees Fahrenheit for a maximum of 6 8 seconds with medium pressure

DTG Printing:

- Screenprinting and Heat Transfers are recommended over DTG printing for our capes. However, if you would like to DTG our capes consider the following tips:
- Pretreat capes with a pretreatment designed for polyesters
- Cure the pretreat at low pressure with a sheet paper between the cape and plate for 30 40 seconds at 300 degrees Fahrenheit
- Insert a sheet inside the cape before printing to prevent dye migration to the back
- Print two white passes at 50% resolution to create a quick dry surface
- Print CMYK design on top of dried white ink
- Allow shirts to air dry a minimum of two hours, but the longer the better
- Curing can take place the following day if time permits.
- Utilizing a tunnel dryer is preferable to a heat press for curing as the heat press may reduce the quality of the design.

Sublimation:

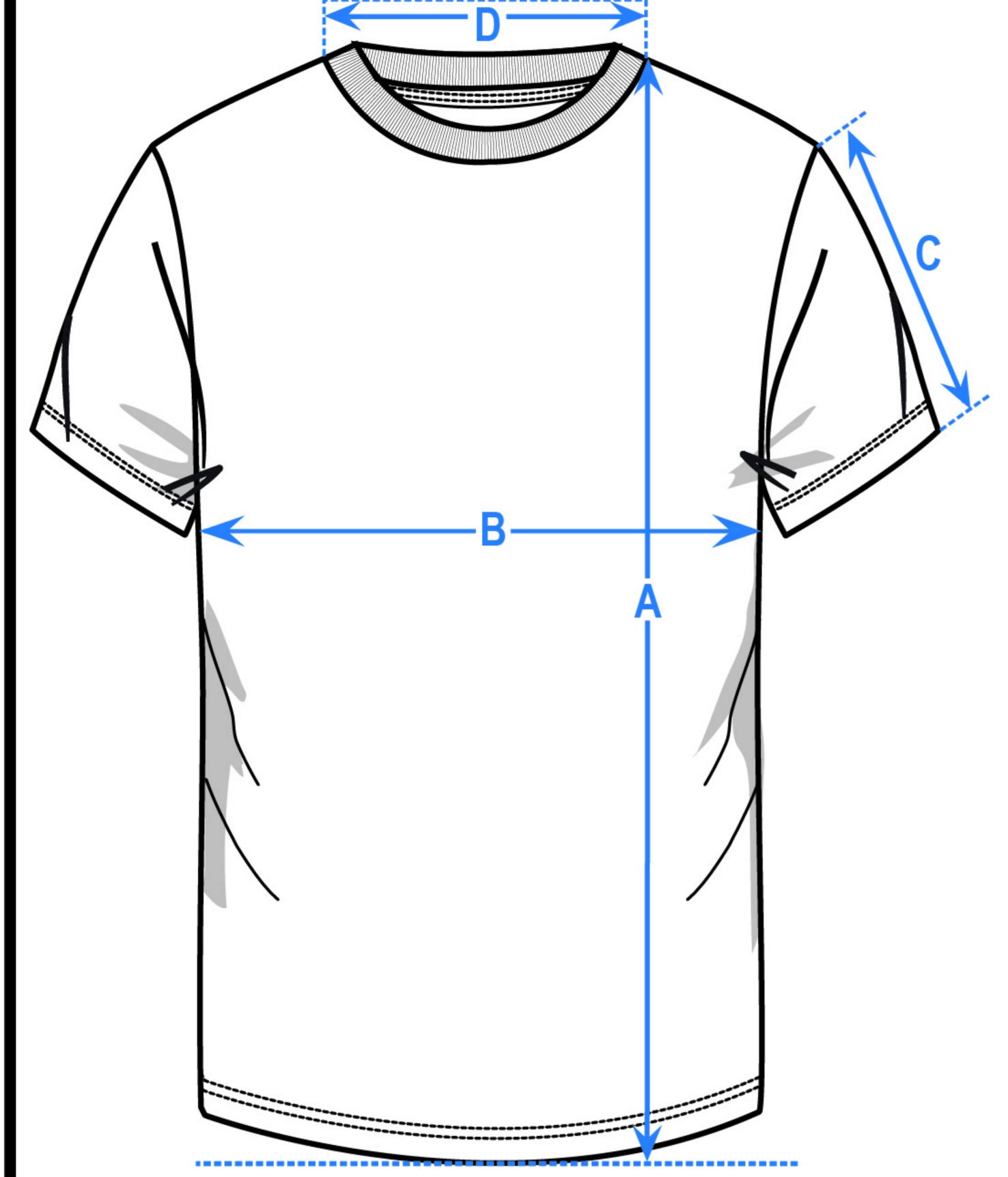
- White and light colors like pink and silver can be sublimated.
- Separate the front and back of the cape while printing either with paper or by only pressing one ply.
- Check with your sublimation equipment and ink manufacturers for their recommended temperature and times. Apply heat no higher than 400 degrees Fahrenheit for 40 seconds with medium pressure.

As a reminder, always test your printing process. To get cape samples for testing your printing process, please contact Customer Service at 800-414-5650, press 2.



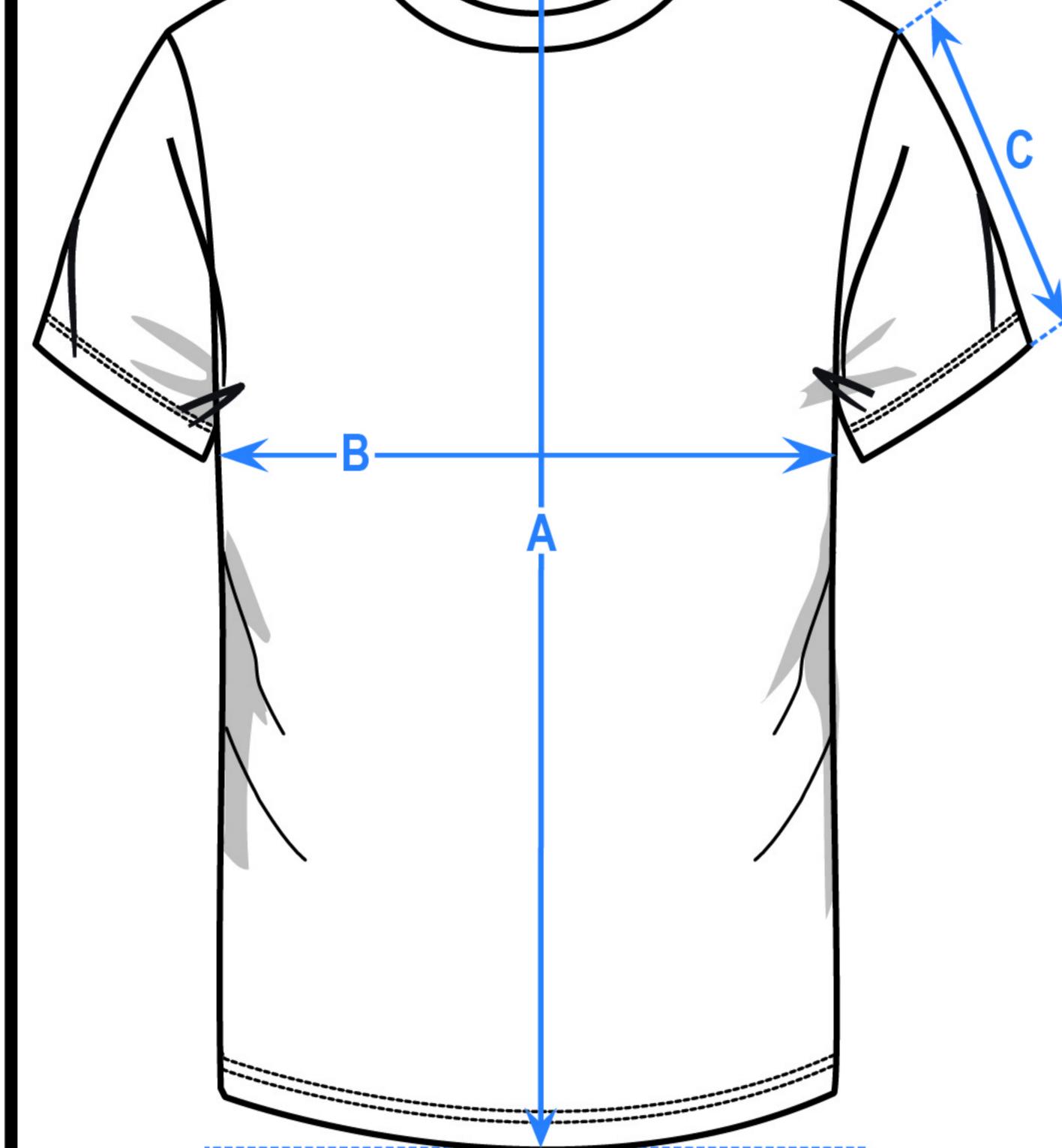
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MEASURING GUIDES



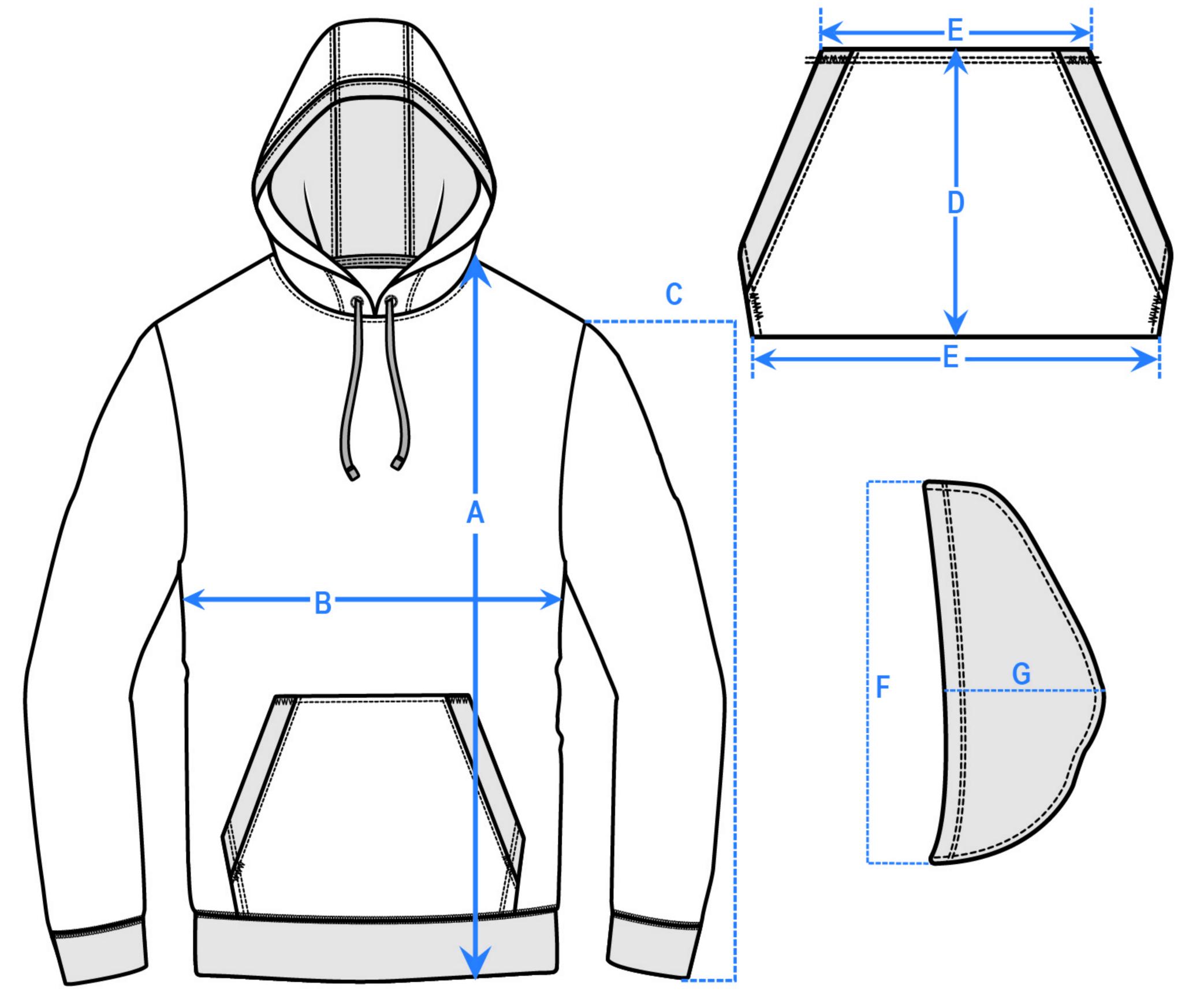
RIBBED COLLAR TEE

- A Body Length: Measure in a straight line from HPS (high point shoulder) down to bottom of garment.
- B Body Width: Measure 1" below armhole and straight across from side seam to side seam.
- C Sleeve Length: Measure from armhole seam to bottom of sleeve at top of sleeve (trim included if applicable).
- D Neck Opening: Measure from collar seam to collar seam, straight across (collar included).



SELF FABRIC COLLAR TEE

- A Body Length: Measure in a straight line from HPS down to bottom of garment.
- B Body Width: Measure 1" below armhole and straight across from side seam to side seam.
- C Sleeve Length: Measure from armhole seam to bottom of sleeve at top of sleeve (trim included if applicable).
- D Neck Opening: Measure from collar edge to collar edge, straight across (collar **NOT** included).

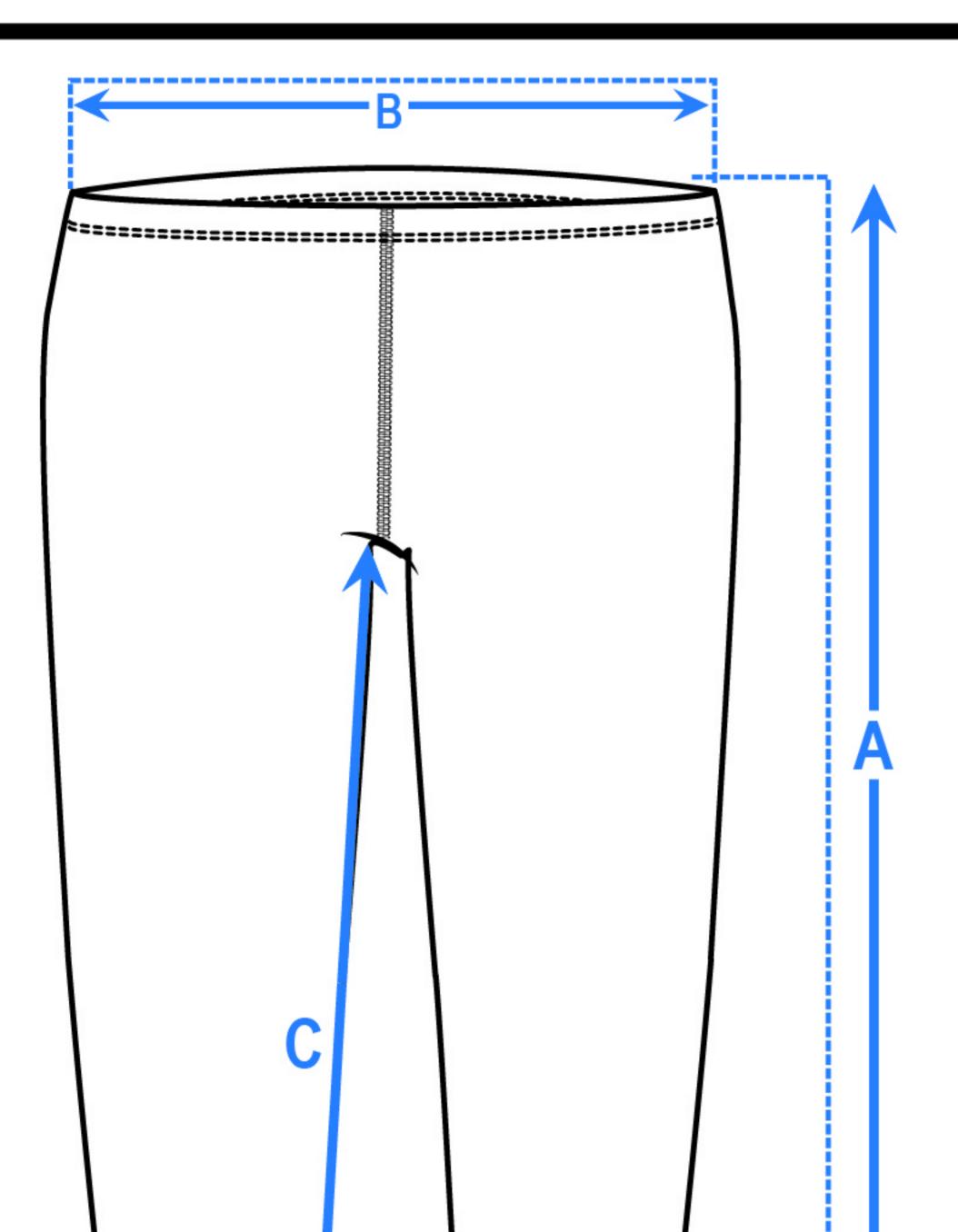


HOODIE

- A Body Length: Measure in a straight line from HPS down to bottom of garment (waistband trim included if applicable).
- B Body Width: Measure 1" below armhole and straight across from side seam to side seam.

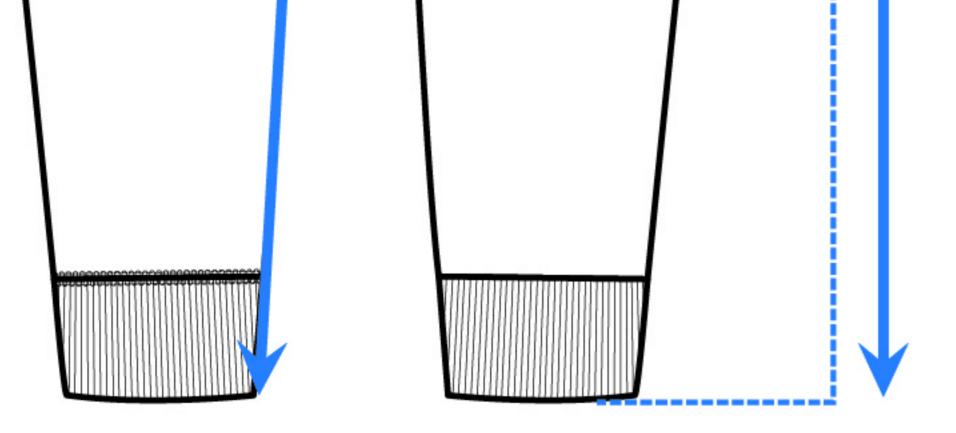
C - Sleeve Length: Measure from armhole seam to bottom of sleeve at top of sleeve (trim/cuff included if applicable).

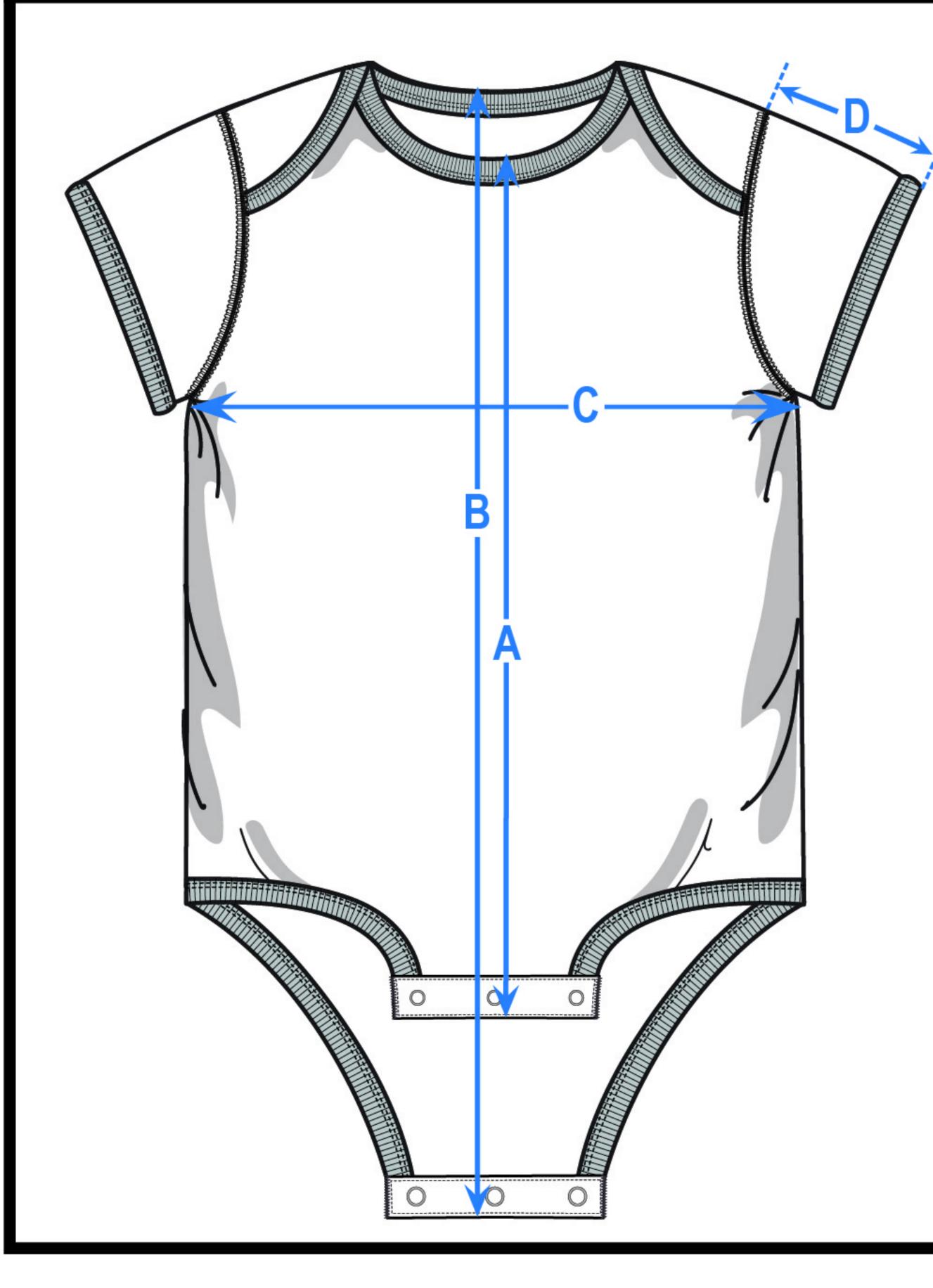
- D Pocket Height: Measure from top to bottom pocket seam at center of pocket.
- E **Pocket Width:** Measure from edge to edge at top pocket seam **AND** at bottom pocket seam (trim included if applicable).
- F Hood Height: Measure from top to bottom of hood opening (see guide to left).
- G Hood Width: Measure from hood opening to back of hood at center with hood folded and laid flat (see guide to left).



PANTS

- A **Body Length:** Measure from top of waistband to bottom of leg opening.
- B Waistband: Measure from edge to edge of waistband, relaxed.
- C Inseam: Measure from center of crotch seam to leg opening at inside of pant leg.





BODYSUITS

- A Body Length (Front): Measure from top of rib collar to bottom of front snaps at center.
- B Body Length (Back): Measure from top of rib collar to bottom of back snaps at center.
- C Body Width: Measure across body from bottom of armhole to bottom of armhole.
- D Sleeve Length: Measure from armhole seam to sleeve opening at top of sleeve.

	1	2	3	4
ladies' curvy				
bust	44"- 46"	46"- 48"	48"- 50"	50"- 54"
numeric size	14 - 16	18 - 20	22 - 24	26 - 28



	NB	6M	12M	18M	24M
infant unisex					
age (months)	0-3M	3 - 6M	6 - 12M	12 - 18M	18 - 24M
weight (lbs)	8 - 10	11 - 16	17 - 20	21-24	25 - 27



	2	3	4	5/6	7				
toddler unisex									
weight (lbs)	28-30	30 - 33	34 - 39	39 - 49	50 - 55				

	XS	S	Μ	L	XL	2X	ЗХ	4X	5X	6X
men's adult / unisex										
chest	32"- 34"	34"- 36"	38"- 40"	42"- 44"	46"- 48"	50"- 52"	54"- 56"	58"- 60"	62"- 64"	66"- 68"
ladies' classic & modern										
bust	30"- 32"	32"- 34"	34"- 36"	36"- 40"	40"- 44"	44"- 48"	48"- 52"			
numeric size	0 - 2	2 - 4	6 - 8	8 - 10	12 - 14	16 - 18	20 - 22			
ladies' fitted	ladies' fitted									
bust		30"- 31"	32"- 33"	34"- 35"	36"- 38"	39"- 41"				
numeric size		0 - 3	5 - 7	7-9	11 - 13	13 - 15				
youth unisex										
weight (lbs)	36 - 45	45 - 54	54 - 72	72 - 90	90 - 110					
numeric size	2 - 4	6 - 8	10 - 12	14 - 16	18 - 20					
youth girls'										
weight (lbs)	28 - 40	40 - 55	55 - 70	70 - 85	85 - 100					
numeric size	2 - 4	5 - 6	7 - 8	9 - 10	11 - 12					
adult unisex bottoms										
waist	27"- 28"	28"- 29"	30 - 31"	32"- 34"	35"- 36"	36"- 38"				
inseam	25 - 26"	26"- 27"	27 -28"	28"-29"	29"- 30"	30"- 31"				