

TECH PACK

One tech pack per style. It tells the factory exactly how to make your product.

How to use this file

1. Type in the empty boxes on every sheet. The tabs at the bottom are the pages of the tech pack.
2. Gray italic rows are examples. Replace them or delete them.
3. Add your sketches on the Flats sheet (Insert, Pictures).
4. Send this file and your artwork files to your factory for a quote and a sample.

Style name	
Style number	
Brand	<i>Example: Northside Club</i>
Product type	<i>Example: Pullover hoodie</i>
Season or drop	
Main fabric	
Colorways	
Size range	<i>Example: XS to 4XL</i>
Quantity per color	
Target ship date	
Contact name	
Email	
Phone or WhatsApp	
Date	
Version	

Pages in this tech pack

Flats	Front and back sketches with callouts
Measurements	Points of measure for every size, with tolerances
Materials	Fabrics, trims, labels and packaging (bill of materials)
Artwork	Logos and prints: method, placement, size and colors
Construction	Seams, stitches and finishing
Colorways	The colors of every part, for each colorway
Size breakdown	Pieces per size and color, with totals
Labels and packaging	Neck labels, hang tags, polybags and cartons
Sample comments	Changes after each sample round

Need help? Sharknits can make the tech pack from your sketch or photo. sharknits.com

FLATS (TECHNICAL SKETCHES)

Style:

Paste a front and a back sketch into the boxes (Insert, Pictures). Point callouts at pockets, seams, trims and artwork.

FRONT

BACK

Callouts and details

#	Detail
1	<i>Example: Kangaroo pocket with bound edges, 1/4 in double needle topstitch</i>
2	
3	
4	
5	
6	
7	
8	

MEASUREMENTS (POINTS OF MEASURE)

Style:

Measure the garment lying flat. Tolerance is how far a finished piece may be off, plus or minus. Rename the size columns if you use other sizes.

Unit

Code	Point of measure	How to measure	Tolerance (+/-)	XS	S	M	L	XL	2XL	3XL	4XL	Notes
Ex.	Body length	From the high point shoulder (HPS) to the bottom edge	1/2	26	27	28	29	30	31	32	33	Example row: replace or delete

Tops: hoodies, sweatshirts, tees, jackets

A	Body length	From the high point shoulder (HPS) straight down to the bottom edge										
B	Chest width	1 in (2.5 cm) below the armhole, edge to edge										
C	Waist width	At the narrowest point, edge to edge										
D	Bottom width	Along the bottom edge, relaxed, edge to edge										
E	Shoulder width	Shoulder seam to shoulder seam										
F	Sleeve length	From the shoulder point to the end of the cuff										
G	Armhole	Straight, from the shoulder point to the underarm										
H	Bicep width	1 in (2.5 cm) below the armhole, fold to fold										
I	Sleeve opening	At the cuff edge, relaxed										
J	Cuff height	Cuff or rib, top to bottom										
K	Hem band height	Hem rib or band, top to bottom										
L	Neck width	Seam to seam at the neckline										
M	Front neck drop	From the HPS line to the center front neck seam										
N	Back neck drop	From the HPS line to the center back neck seam										
O	Hood height	From the neck seam to the top of the hood										
P	Hood width	At the widest point, edge to edge										
Q	Pocket width	At the widest point										
R	Pocket height	Top to bottom										
S	Zipper length	From the top stop to the bottom stop										

Code	Point of measure	How to measure	Tolerance (+/-)	XS	S	M	L	XL	2XL	3XL	4XL	Notes
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Bottoms: sweatpants, joggers, shorts, pants

T	Waist, relaxed	Top edge of the waistband, edge to edge, not stretched										
U	Waist, stretched	Top edge of the waistband, fully stretched										
V	Hip width	At the fullest point, edge to edge										
W	Front rise	From the crotch seam to the top of the waistband, front										
X	Back rise	From the crotch seam to the top of the waistband, back										
Y	Inseam	From the crotch seam to the bottom of the leg										
Z	Outseam	From the top of the waistband to the bottom of the leg, along the side										
AA	Thigh width	1 in (2.5 cm) below the crotch, edge to edge										
AB	Knee width	Halfway down the inseam, edge to edge										
AC	Leg opening	At the bottom of the leg, relaxed										
AD	Waistband height	Top to bottom of the waistband										

Your own points of measure

MATERIALS (BILL OF MATERIALS)

Style:
List every fabric, trim, label and packaging part. If the factory sources it, write "Factory to source". Leave Qty per garment for the factory if you are not sure.

Item	Where it goes	Material or composition	Weight or size	Color (name or Pantone code)	Supplier or source	Qty per garment	Notes
Main fabric	Body, sleeves, hood	100% cotton French terry	500 GSM (grams per square meter)	Black	Factory to source	Factory to confirm	Example row: replace or delete
Main fabric							
Contrast fabric							
Lining							
Rib (collar, cuffs, hem)							
Interlining							
Thread							
Zipper							
Zip puller							
Drawcord							
Cord tips							
Eyelets							
Snaps or buttons							
Elastic							
Main neck label							
Size label							
Care label							
Hang tag							
Woven tape							
Patch							
Polybag							
Carton							

ARTWORK AND DECORATION

Style:

One row per logo or print. Send the artwork files (AI, PDF or SVG) with this tech pack. Pick the method from the list.

#	Artwork name and file	Method	Placement	Position (measured from)	Size (width x height)	Colors (name or Pantone code)	Notes
Ex.	Chest logo (logo_front.ai)	Embroidery	Left chest	3 in below HPS, 3.5 in from center front	3 x 3 in	White	Example row: replace or delete
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

CONSTRUCTION

Style:

How each part is sewn and finished. If you are not sure, write what you want it to look like and the factory will suggest the method.

Area	Seam or stitch type	Stitches per inch	Finish	Notes
<i>Side seams</i>	<i>4-thread overlock</i>	<i>10 to 12</i>	<i>Topstitched 1/4 in</i>	<i>Example row: replace or delete</i>
Shoulder seams				
Side seams				
Sleeve attach				
Armhole				
Neckline				
Hood				
Cuffs				
Hem				
Pockets				
Zipper				
Waistband				
Labels				
Pressing and finishing				

COLORWAYS

Style:

One row per colorway. Give a color name, and a Pantone code where you can, for every part.

Colorway	Body	Contrast or trims	Rib	Artwork colors	Zipper and hardware	Drawcord and tips	Notes
Colorway 1	Black	Black	Black	White	Black	White	Example row: replace or delete
Colorway 1							
Colorway 2							
Colorway 3							
Colorway 4							
Colorway 5							
Colorway 6							
Colorway 7							
Colorway 8							

SIZE BREAKDOWN

Style:

How many pieces of each size in each color. Totals add up by themselves. The example row is not counted.

Minimum per color

25

 Ask your factory. At Sharknits it is usually 25 pieces per style and color.

Colorway	XS	S	M	L	XL	2XL	3XL	4XL	Total	Meets minimum?
Example: Black	0	4	8	8	4	1	0	0	25	Yes
Colorway 1									0	
Colorway 2									0	
Colorway 3									0	
Colorway 4									0	
Colorway 5									0	
Colorway 6									0	
Colorway 7									0	
Colorway 8									0	
Total	0	0	0	0	0	0	0	0	0	

LABELS AND PACKAGING

Style:

Labels, tags and packing for every piece. Send the artwork files for labels and tags with this tech pack.

Item	Type	Size	Placement	Artwork file	Notes
Main neck label	Woven, sewn on 4 sides	2 x 1 in	Center back neck, under the seam	label_main.pdf	Example row: replace or delete
Main neck label					
Size label					
Care label					
Hang tag					
Hang tag fastener					
Woven tape					
Patch					
Polybag					
Folding					
Carton marks					
Barcode or SKU sticker					

SAMPLE COMMENTS

Style:

After each sample, write what must change. Mark each line Done when the next sample shows the fix.

Date	Sample round	What to change	Sheet	Status	Approved by
03/02/2027	Sample 1	Body length 1 in longer in all sizes	Measurements	Open	