

ADSTRONAUT AI

Utility Cargo Pant

REFERENCE TECH PACK

Generate a custom one for your own garment:

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STY_3DMR8U_260515_DEHB

Men's Washed Cotton Utility Cargo Pant

Season: SS26

Vendor: Sample Factory

REFERENCE IMAGES

Size: M (XS - XL)

Category: Bottoms

Fabric: Midweight woven cotton twill

v0

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2026-05-15

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SAMPLE MEASUREMENTS

Size: M (XS - XL)

Category: Bottoms

Fabric: Midweight woven cotton twill

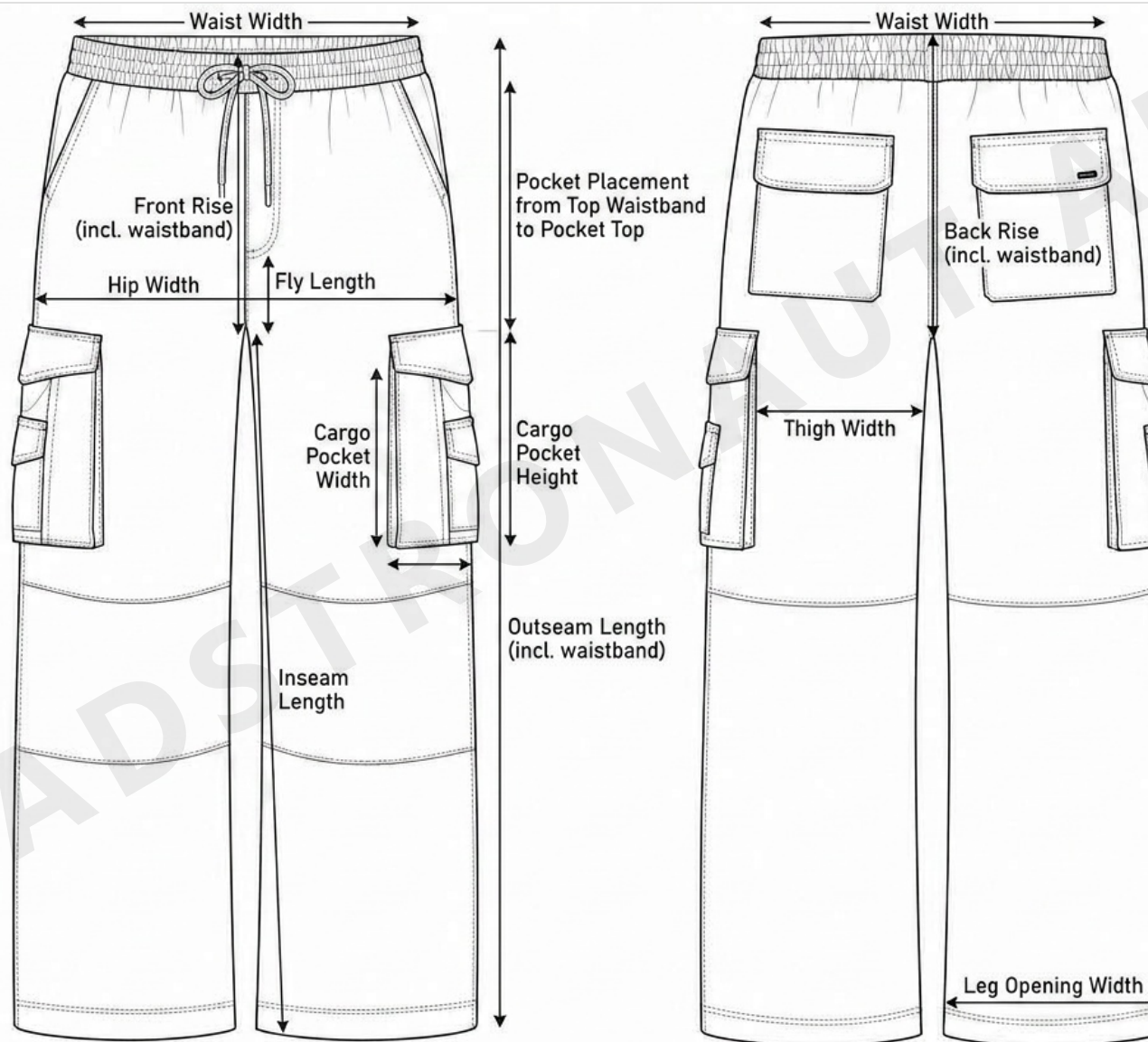
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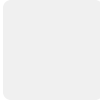
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STY_3DMR8U_260515_DEHB
Men's Washed Cotton Utility Cargo Pant

Season: SS26
Vendor: Sample Factory

SIZE GRADING CHART

Size: M (XS - XL) Category: Bottoms Fabric: Midweight woven cotton twill

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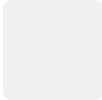
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POINT OF MEASURE	TOLERANCE	XS	S	M	L	XL
Waist Width (relaxed, edge to edge)	+/- 1.0	35.0	37.0	39	41.0	43.0
Waist Width (stretched, edge to edge)	+/- 1.0	48.0	50.0	52	54.0	56.0
Front Rise incl. waistband	+/- 0.7	30.1	30.8	31.5	32.2	32.9
Back Rise incl. waistband	+/- 0.7	39.9	40.7	41.5	42.3	43.1
Hip Width (20 cm below top waistband)	+/- 1.0	52.0	54.0	56	58.0	60.0
Thigh Width (2.5 cm below crotch)	+/- 0.7	33.0	34.0	35	36.0	37.0
Knee Width	+/- 0.7	27.6	28.3	29	29.7	30.4
Leg Opening Width	+/- 0.7	25.0	25.5	26	26.5	27.0
Inseam Length	+/- 1.0	75.0	76.0	77	78.0	79.0
Outseam Length incl. waistband	+/- 1.0	105.0	106.0	107	108.0	109.0
Crotch Length (front to back through crotch seam)	+/- 1.0	70.6	71.8	73	74.2	75.4
Fly Length	+/- 0.5	15.5	16.0	16.5	17.0	17.5
Waistband Height	+/- 0.3	4.1	4.3	4.5	4.7	4.9
Front Pocket Opening Length	+/- 0.5	15.7	16.1	16.5	16.9	17.3
Front Pocket Bag Depth	+/- 0.7	26.6	27.3	28	28.7	29.4

Sample Size: M (highlighted) · cm · Continued on next page



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SIZE GRADING CHART (CONTINUED)

Size: M (XS - XL) Category: Bottoms Fabric: Midweight woven cotton twill

POINT OF MEASURE	TOLERANCE	XS	S	M	L	XL
Back Patch Pocket Width	+/- 0.5	15.5	16.0	16.5	17.0	17.5
Back Patch Pocket Height	+/- 0.5	17.5	18.0	18.5	19.0	19.5
Back Pocket Flap Height	+/- 0.3	5.1	5.3	5.5	5.7	5.9
Side Cargo Pocket Width	+/- 0.5	17.0	17.5	18	18.5	19.0
Side Cargo Pocket Height	+/- 0.5	20.6	21.3	22	22.7	23.4
Side Cargo Pocket Flap Height	+/- 0.3	5.6	5.8	6	6.2	6.4
Auxiliary Side Pocket Width	+/- 0.3	6.9	7.2	7.5	7.8	8.1
Auxiliary Side Pocket Height	+/- 0.3	11.7	12.1	12.5	12.9	13.3
Cargo Pocket Placement from Top Waistband to Pocket Top	+/- 0.7	32.4	33.2	34	34.8	35.6
Back Pocket Placement from Top Waistband to Pocket Top	+/- 0.5	7.9	8.2	8.5	8.8	9.1
Bottom Hem Height	+/- 0.3	3.0	3.0	3	3.0	3.0

Sample Size: M (highlighted) - cm

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MATERIALS

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Shell fabric

[Main pant body, cargo pockets, back pockets, waistband](#)

210 GSM woven cotton twill, garment-washed, tonal dark grey PANTONE 432 C, soft handfeel



Pocketing fabric

[Front slash pocket bags and internal pocket facings](#)

110 GSM polyester-cotton plain weave pocketing, dark grey matched to PANTONE 432 C



Waist elastic

[Inside encased waistband](#)

38 mm knitted elastic, soft stretch waistband grade, dark grey



Drawcord

[Waist channel](#)

Round cotton drawcord, approx. 6 mm diameter, tonal dark grey PANTONE 431 C with heat-sealed tips



Buttonhole reinforcement fusible

[Center front drawcord eyelet/buttonhole area, pocket flap support](#)

Lightweight fusible woven interfacing, 35-45 GSM, charcoal



Sewing thread

[Main assembly and topstitching throughout](#)

Core-spun polyester thread Tex 27/30, tonal dark grey PANTONE 431 C



Care label

[Inside back waistband or side seam](#)

Printed satin care/content label, black text on white ground



Main brand label

[Edge of right back flap pocket](#)

Woven brand tab label, black ground PANTONE Black 6 C with white text PANTONE 11-0601 TCX Bright White

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MATERIALS (CONTINUED)

Size: M (XS - XL)

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Cargo pocket hook-and-loop

[Under cargo pocket flaps and flap back pockets](#)

20 mm nylon hook-and-loop tape, dyed dark grey



Pocket flap reinforcement tape

[Pocket flap fold edges and high-stress pocket openings](#)

Narrow woven stay tape, 10 mm, charcoal



Polybag

[Final packaging](#)

Clear LDPE packing polybag with size sticker and suffocation warning



Hangtag set

[Attached at waistband](#)

Printed paper hangtag with string fastener, brand and barcode information

STY_3DMR8U_260515_DEHB

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MATERIALS CALLOUT

Size: M (XS - XL)

Category: Bottoms

Fabric: Midweight woven cotton twill

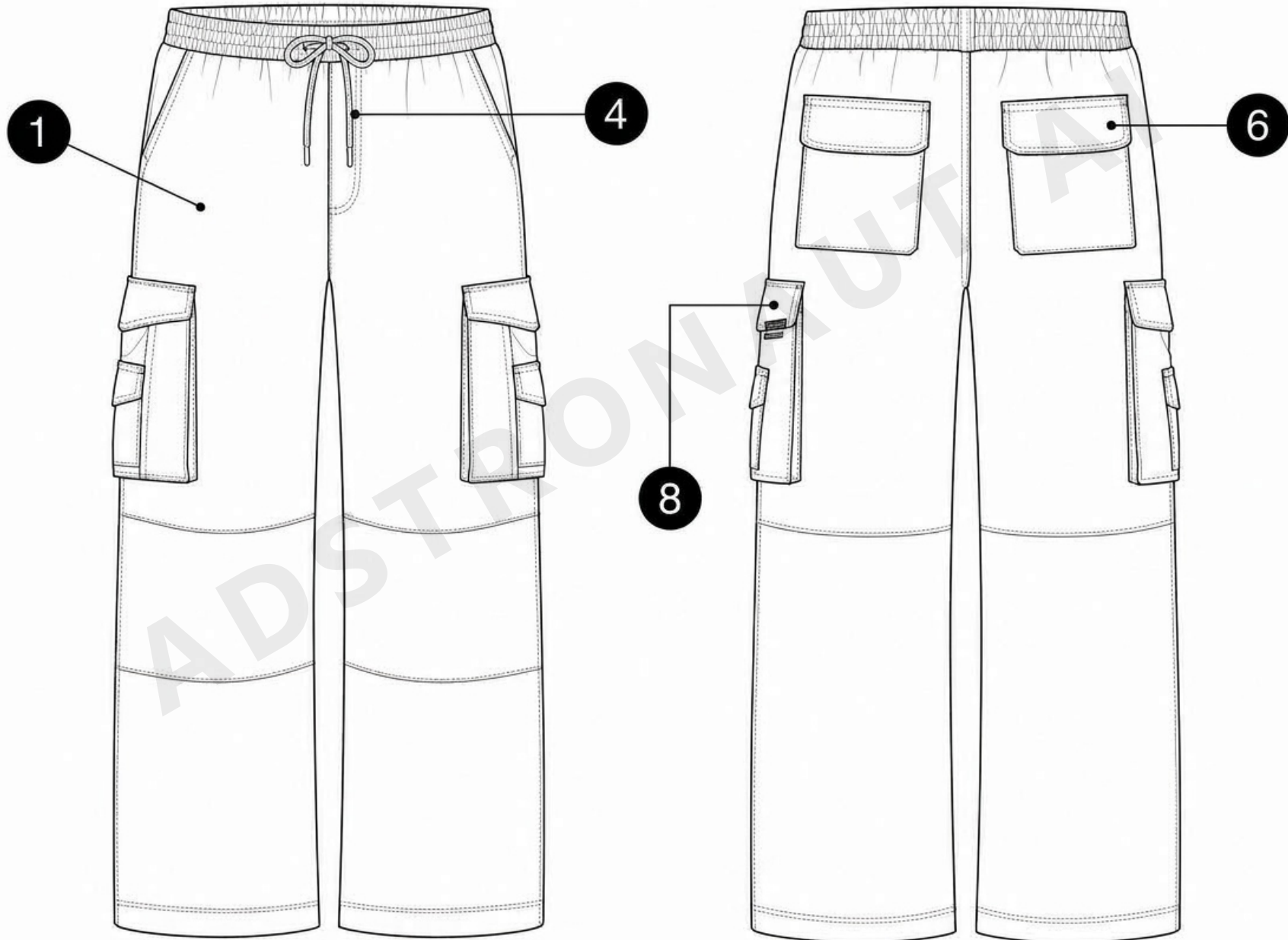
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BILL OF MATERIALS

Size: M (XS - XL)

Category: Bottoms

Fabric: Midweight woven cotton twill

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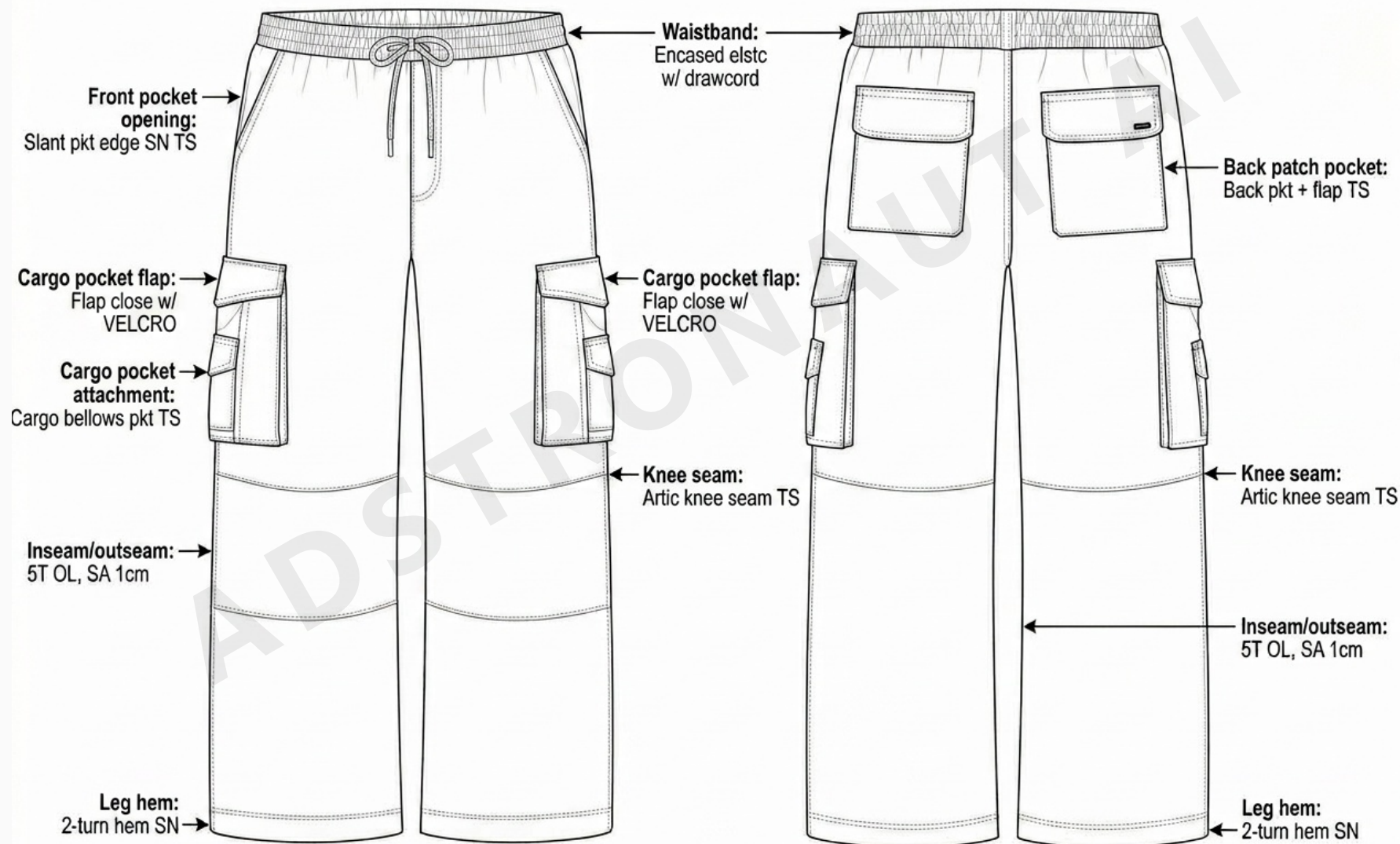
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#	ITEM NAME	DESCRIPTION	PLACEMENT	QTY	UNIT
1	Shell fabric	210 GSM woven cotton twill, garment-washed, tonal dark grey PANTONE 432 C, soft handfeel	Main pant body, cargo pockets, back pockets, waistband	1.85	m
2	Pocketing fabric	110 GSM polyester-cotton plain weave pocketing, dark grey matched to PANTONE 432 C	Front slash pocket bags and internal pocket facings	0.35	m
3	Waist elastic	38 mm knitted elastic, soft stretch waistband grade, dark grey	Inside encased waistband	0.9	m
4	Drawcord	Round cotton drawcord, approx. 6 mm diameter, tonal dark grey PANTONE 431 C with heat-sealed tips	Waist channel	1.4	m
5	Buttonhole reinforcement fusible	Lightweight fusible woven interfacing, 35-45 GSM, charcoal	Center front drawcord eyelet/buttonhole area, pocket flap support	0.08	m
6	Sewing thread	Core-spun polyester thread Tex 27/30, tonal dark grey PANTONE 431 C	Main assembly and topstitching throughout	260	m
7	Care label	Printed satin care/content label, black text on white ground	Inside back waistband or side seam	1	pc
8	Main brand label	Woven brand tab label, black ground PANTONE Black 6 C with white text PANTONE 11-0601 TCX Bright White	Edge of right back flap pocket	1	pc
9	Cargo pocket hook-and-loop	20 mm nylon hook-and-loop tape, dyed dark grey	Under cargo pocket flaps and flap back pockets	0.45	m
10	Pocket flap reinforcement tape	Narrow woven stay tape, 10 mm, charcoal	Pocket flap fold edges and high-stress pocket openings	0.5	m
11	Polybag	Clear LDPE packing polybag with size sticker and suffocation warning	Final packaging	1	pc
12	Hangtag set	Printed paper hangtag with string fastener, brand and barcode information	Attached at waistband	1	set

TECH SPEC ANNOTATIONS



STY_3DMR8U_260515_DEHB

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COLORWAYS & PANTONE

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Pantone Color Palette



Main body fabric, cargo pockets, waistband and pocket flaps

PANTONE 432 C

#4A4F58



Drawcord and topstitch thread tonal dark grey

PANTONE 431 C

#5B616B



Brand label background

PANTONE Black 6 C

#101820



Brand label text

PANTONE 11-0601 TCX Bright White

#F4F5F0

DETAILED VIEWS

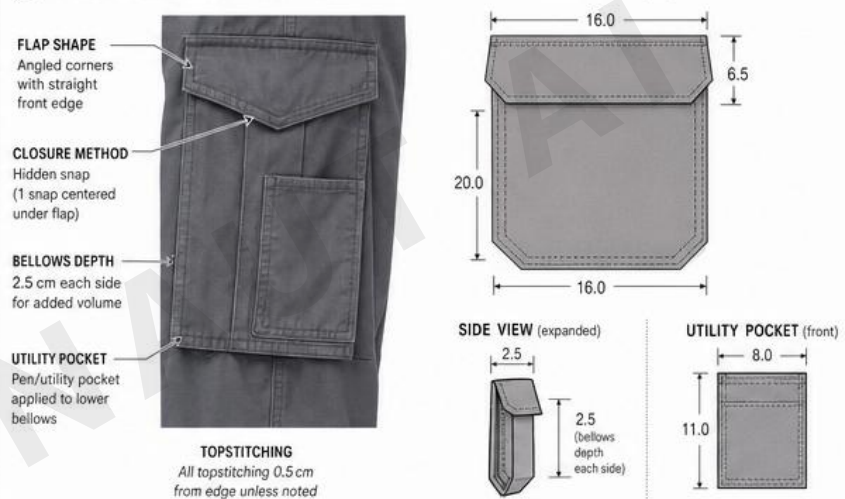
All dimensions in cm

CARGO PANT – CONSTRUCTION DETAILS

1 WAISTBAND AND DRAWCORD DETAIL



2 CARGO POCKET CONSTRUCTION



3 BACK POCKET FLAP DETAIL



4 KNEE SEAM AND HEM DETAIL



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ARTWORK DETAILS

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PLACEMENT



1 WOVEN LABEL

Right back pocket flap outer edge

1 WOVEN LABEL - DETAILED VIEW



WOVEN LABEL

Small black woven brand tab with white brand text sewn into outer edge seam of right back flap pocket.

SIZE

~2.5 cm × 0.8 cm

1 WOVEN LABEL - SIZE DETAIL





Garment Information

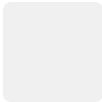
Type: Elastic-waist cargo pant Silhouette: Relaxed straight leg with full rise and utility pocketing Construction: Cut-and-sew woven bottom with encased elastic waistband and applied cargo pockets

Construction & Trim Details

#	SECTION	DETAIL TYPE	DESCRIPTION
1	Waistband	Elasticated casing	Self-fabric waistband folded to inside to form elastic tunnel with top edge and lower edge single-needle stitch lines; external drawcord exits at center front
2	Front body	Pocket opening	Slanted front pockets with clean turned edge opening and pocket bag set into side/front seam area
3	Side leg	Cargo pocket set	Bellows cargo pocket with boxed volume, flap closure, and additional narrow utility pocket applied over/adjacent to cargo compartment
4	Back body	Patch flap pockets	Large rectangular back patch pockets with top flap closure; right flap includes external woven brand tab
5	Leg shaping	Articulated seam	Horizontal seam panels at knee area for articulation and visual utility styling
6	Hem	Turned hem finish	Leg opening finished with narrow double-turn hem and single-needle topstitch

Sewing Instructions

1. Join front rise seam below fly extension using 5-thread overlock; topstitch center front mock-fly/clean front seam as per sample appearance.
2. Prepare front slant pockets by attaching pocket bags to openings, understitch, turn, and secure pocket bags into side/front waist area.
3. Construct cargo pockets with side bellows folds and narrow utility pocket; close pocket flap edges, turn, press, and attach hook-and-loop or hidden closure as specified.
4. Attach cargo pocket sets to side leg panels using single-needle edge stitch plus 1/4 in topstitch; bartack pocket upper corners and utility pocket stress points.
5. Assemble back patch pockets and flaps, attach to back panels, insert woven brand tab into right back flap seam, and bartack flap ends if required.
6. Join inseams and outseams with 5-thread overlock, then topstitch where visible; attach articulated knee panel seams before closing leg where applicable.
7. Form waistband casing from self fabric, insert 38 mm elastic, make buttonholes/eyelets at center front, thread drawcord, and secure elastic ends evenly.
8. Finish leg openings with narrow double-turn hem, press garment, and apply garment wash for softened utility appearance.



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FIT LOG & REVISION HISTORY

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NOTES	DATE
Tech Pack v0 Generated <i>(locked)</i>	2026-05-15

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AI tools for fashion production

- Tech pack generation from a single garment photo
 - AI product photoshoots
 - Design variations and colorways
- Garment recoloring and fabric swap
 - Product view generation

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Free to share. Built for makers.