

Underwear Tech Pack Template

Xiamen Unitex Trade Co., Ltd. — OEM & ODM underwear sourcing partner

Version 1.0 · 2026
www.unitexunderwear.com
will@unitexchina.cn

Use this template to send a complete, first-time-right brief for any underwear style. Fill the highlighted fields and return it with your reference sample or sketch. A complete tech pack typically removes one full sampling round (7–10 days) from the critical path.

1. Programme summary

Field	Your input
Brand / programme name	
Target market(s)	EU / UK / US / other — include labelling regulation if known
Retail price point	
Target FOB price per piece	
Order quantity per style / per colour	Standard MOQ: 2,000 pcs per style and colour (trial orders from 1,000 pcs)
Required in-warehouse date	
Incoterms & destination port	

2. Style & construction

Item	Specify
Style reference	
Category	boxer brief / brief / trunk / hipster / thong / sleepwear set / sport bra / vest
Rise & leg line	
Waistband type	woven elastic / jacquard / knitted / bonded — height in mm
Seam & stitch	flatlock / overlock / cover stitch — SPI
Gusset / lining	

Item	Specify
Pouch / support	
Fly type	none / functional / faux
Pads, wires, hooks	for bras and sleepwear
Print / placement	all-over / placement / sublimation / screen
Embroidery / patch	
Care label position	

3. Fabric & trims

Component	Fabric / composition	Weight (gsm)	Stretch / recovery	Notes

Body fabric	e.g. 95% combed cotton / 5% elastane			
Waistband				
Lining / gusset				
Thread		—	—	matched / contrast
Elastic / tape		—		

Colour: give Pantone TCX references (or approved lab dips) for every colourway. Lab dips are matched before bulk dyeing; unapproved lab dips are the single most common cause of a one-week delay.

4. Size grading

Size	Waist relaxed (cm)	Waist stretched (cm)	Hip (cm)	Inseam (cm)	Front rise (cm)	Leg opening (cm)
S						
M						
L						
XL						
XXL						

Tolerance convention: ±1.0 cm on body measurements, ±0.5 cm on elastic recovery, unless your quality manual states otherwise. State the measuring method (garment laid flat, relaxed vs. stretched).

5. Labelling, packaging & compliance

Field	Your input
Care & content label wording	
Fibre content declaration	must match lab test results
Country of origin marking	
Polybag / carton spec	
Hangtag / sticker / insert	
Carton assortment ratio	solid colour / mixed sizes
Certification evidence required	OEKO-TEX Standard 100 scope · BSCI/Sedex audit report · other
Testing standard	e.g. AQL 2.5 pre-shipment; buyer-specific test list

6. Approval checkpoints

Stage	Typical duration	What you approve
Lab dip & fabric quality	5–7 days	Colour match under D65 light; fabric handfeel

Fit sample	7–10 days	Fit, rise, leg line, waistband tension
Pre-production sample (PPS)	10–14 days	Final construction, labels, packaging — approve in writing
Bulk production	30–45 days	Inline inspection reports
Pre-shipment inspection	1–2 days	AQL 2.5 report before booking freight

Xiamen Unitex Trade Co., Ltd. · OEM & ODM underwear sourcing & supply-chain management · in the trade since 2009, incorporated in 2013 · Partner factories are BSCI-audited and hold OEKO-TEX Standard 100 certification · Website www.unitexunderwear.com · E-mail will@unitexchina.cn · Tel 0086-186 5081 3853

This template is provided free for importer and brand use. No part of it constitutes a warranty of fitness for a particular purpose.