

TPU ELASTIC TAPE - TFLex

TFLex is a clear elastic tape made with TPU (Thermoplastic Polyurethane). It excels when used in high functioning applications, such as swimsuits and sportswear, that require high elasticity and recovery.

Why choose us?



High elasticity & recovery



100% latex free with no powder or fine dust



Smooth and soft edges, provide comfortable filling



Safe to machine wash, dry clean & bleach



Thin & light with high transparency



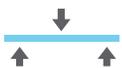
TFLex has been tested for 200+ harmful substances



Easy usability in garment production



TPU is recyclable and friendly to the environment



Crease & wrinkle resistant

Applications



SPECIFICATIONS

Size chart

Model	Width (mm)	Thickness (mm)	Length (m/kg)	Length (Y/kg)
TF0218	2	0.18	2250	2460
TF0223	2	0.23	1800	1967
TF0312	3	0.12	2250	2460
TF0322	3	0.22	1285	1405
TF0331	3	0.31	900	984
TF0414	4	0.14	1500	1640
TF0423	4	0.23	900	984
TF0430	4	0.30	692	756
TF0515	5	0.15	1125	1230
TF0612	6	0.12	1125	1230
TF0615	6	0.15	900	984
TF0622	6	0.22	642	702
TF0631	6	0.31	450	492
TF0809	8	0.09	1125	1230
TF0816	8	0.16	642	702

Tested by:



Substance	Standard	Result
LEAD [Pb]	0.2	<0.1
Arsenic [As]	0.2	<0.1
Chrome [Cr total]	1	<0.1
Chrome [Cr VI]	0.5	<0.1
Cobalt [Co]	1	<0.1
Nickel [NI]	1	<0.1
Mercury [Mg]	0.02	<0.01
Copper [Cu]	25	<0.1
Cadmium [Cd]	0.1	<0.01
Antimony [Sb]	30	<0.1

*Tested for 200+ harmful substances. Reports available on request

Loop Tension

Condition	Result	Standard
130% elongation	0.045kg	ASTM D 4964
150% elongation	0.090kg	ASTM D 4964
170% elongation	0.135kg	ASTM D 4964

Dimensional Change

Condition	Result	Standard
Shrinkage after dry cleaning	0.0%	AATCC 158
Elongation at break	554.0%	ASTM D 2721
Recovery at 200% elongation	96.0%	ASTM D 2721
Recovery at 300% elongation	95.6%	ASTM D 2721

*Repeated 10,000 times

Color Fastness

Condition	Result	Standard
Light during 10 hours	4	AATCC 16E
UV ray during 20 hours	5	KS K ISO 105/B02
Yellowing machine during 16 hours	4	KS K 0190
Chlorinated water	5	KS K 0725
Dry cleaning	5	AATCC 132
Washing	5	AATCC 61
Crocking (dry/wet)	5	AATCC 8/116
Perspiration (acid)	4.5	AATCC 15

*Over 3 is a pass

