



THERMOKING Plastic Belting

If you're still using fabric-reinforced belting in a continuous application environment, take a closer look at our ThermoKing Plastic Belting line.

ThermoKing Plastic Belting is an all plastic belting product that offers many benefits you just don't get with "normal" plied conveyor belting. If you're looking for a way to reduce downtime--ThermoKing Plastic Belting is your best option. You'll experience less wicking, stretch, strings, and breakage. Which means your lines and your people can keep moving.

Sanitation issues weigh heavily on the minds of our customers and anyone handling, packaging, preparing, or serving food and drug products is managing the stringent regulatory requirements. If you're dealing with contaminant concerns, this is the easiest belt to clean and highly recommended by NSF and the USDA.

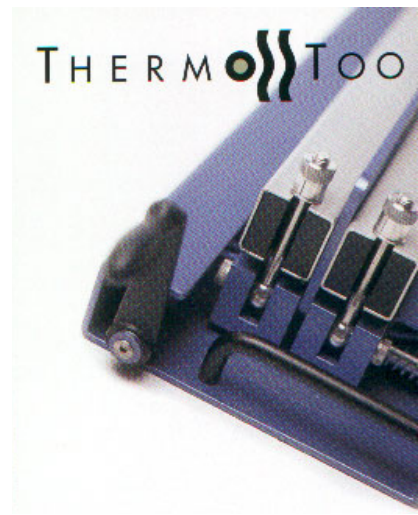
1) TPH (polyester) is our toughest range with superior chemical resistance. It provides extraordinary cut and abrasion resistance. This is the product of choice for cutting and de-boning lines in the Beef, Pork and Poultry Processing industries. Our patented TrackSeal™ is a pliant but rigid, safety edge in TPH-Yellow. It is widely used in automotive plants around the world.

2) TUT and TUB (polyurethane) ranges are most effective for a wide variety of applications in Food Processing and General Processing Industries. Although softer than the TPH material, this material has a high tear resistance, is non-wicking, and extremely easy to fabricate to your own specifications.

3) TGWU is product that allows surface embossing in a variety of profiles--including Crescent top, Medium Roughtop, Longitudinal Rib, and Pebble Top. This material has a high degree of elasticity and must be used for light loads or short conveyors. It's excellent for dough handling in Bread and Bun bakeries.



Right. The exclusive Patented Thermoking on-site splicing system With it, belt repairs can take less than 10 minutes, thus eliminating expensive downtime. Russet Engineering Sales, in conjunction with Russet Nelson have an 800 mm wide Thermotool. Wider joins can be achieved by hot air welding methods.





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Food Processing—FDA / USDA regulation

- Meat de-boning lines
- Poultry - cutting lines
- Fish
- Potato chips - seasoning
- Pizza - make up lines
- Cereal - bulk handling finished product
- Confectionery - release and abrasion
- Chemical - Detergents

General Material Handling

- Metal stamping - oil and cut resistant
- Automotive - Trackseal
- Fibreglass - Bulk Handling

Frequently Thermoking Plastic Belting is used simply because of it's ease of installation, saving customer downtime and throughput losses.

With the use of the newly developed portable Thermotool, belts can be made endless on the systems in a matter of minutes instead of hours. Initial costs may be higher, yet substantial operational Savings can be made for the customer.

Thermoking Belt Specifications

Style	Colour	Material	Thick-ness	Weight Kg/cm²	Top Cover	Bottom Cover	Temp. Range C°	Min Pulley Dia mm	Working Tension 4% stretch
TGWU-2 TGWU-2 CP TGWU-2 HD TGWU-2 IO TGWU-2 LR TGWU-2 MR TGWU-2 TT	Wht/Grn	Urethane	2 4 2.2 2.1 2.1 2.6 2.1	2.3	1 8 9 12 3 10 7	14	-31 +60	35	3.3
TPH-1.5	Off White	Polyester	1.5	2.0	1	1	-20 +75	50	8.9
TPH-2 TPH-2 Y	Off White Yellow	Polyester	2	2.8	1	1	-20 +75	70	11.9 7.4
TPH-3 TPH-3 Y	Off White Yellow	Polyester	3	3.9	1	1	-20 +75	70	17.8 11.1
TPH-4 TPH-4 Y	Off White Yellow	Polyester	4	5.5	1	1	-20 +75	70	23.8 14.7
TUB-2	Blue	Urethane	2	2.5	1	2	-31 +60	32	5.8
TUB-3	Blue	Urethane	3	3.8	1	2	-31 +60	38	8.6
TUB-4	Blue	Urethane	4	5.0	1	2	-31 +60	65	11.6
TURBI 1.5 TURBI 1.5 CP TURBI 1.5 HD TURBI 1.5 IO TURBI 1.5 LR TURBI 1.5 MR TURBI 1.5 TT	Black	Urethane	2.2 4.2 2.3 2.5 2.3 2.7 2.3	2.3	1 8 9 12 3 10 7	15	-20 +80	35	17.5 (2%)
TURBu-2	Blue	Urethane	1.8	2.0	1	15	-20 +80	35	17.5 (2%)
TURBu-3 TURBu-3 CP TURBu-3 HD TURBu-3 IO TURBu-3 LR	Blue	Urethane	2.8 4.7 3.0 3.3 2.9	3.2	1 8 9 12 3	15	-20 +80	35	17.5 (2%)
TURE-2	Blue	Urethane	1.9	2.1	1	16	-20 +75	30	9.8
TURE-3 TURE-3 CP TURE-3 IO TURE-3 MC TURE-3 MR TURE-3 PT	Blue	Urethane	2.9 4.8 3.4 5.3 3.6 3.1	3.3	1	16	-20 +75	50	9.8
TURW-2 TURW-2 CP TURW-2 HD TURW-2 IO TURW-2 LR TURW-2 MR TURW-2 TR TURW-2 TT	White	Urethane	2.3 4.3 2.5 2.7 2.4 2.9 2.6 2.4	2.8	1 8 9 12 3 10 6 7	15	-20 +80	50	17.5
TURW-3 TURW-3 CP TURW-3 HD TURW-3 IO TURW-3 LR TURW-3 MR TURW-3 ST TURW-3 TR TURW-3 TT	White	Urethane	3.0 5.1 3.2 3.4 3.2 3.6 3.6 3.3 3.1	3.6	1 8 9 12 3 10 5 6 7	15	-20 +80	75	17.5
TUT-1.5	Tan	Urethane	1.5	1.9	1	2	-30 +60	25	2.6
TUT-2	Tan	Urethane	2.0	2.5	1	2	-30 +60	32	3.5
TUT-3	Tan	Urethane	3.0	3.8	1	2	-30 +60	38	5.3
TUT-4	Tan	Urethane	4.0	5	1	2	-30 +60	65	7
TUT-2.5 PT	Tan	Urethane	2.5	2.5	17	2	-30 +60	32	3.5
TUT-3 PT	Tan	Urethane	3.0	3.2	17	2	-30 +60	38	4.3

1 = Smooth Gloss 2 = Smooth Matt 3 = Longitudinal Ridge 4 = Inverted Pyramid 5 = Sawtooth 6 = Triangular Ridge 7 = Snakeskin profile 8 = Crescent profile 9 = HAB Diamond 10 = Medium Roughtop 12 = Inverted Oval 13 = Meat Cleat 14 = Fabric Impression 15 = Polyester Fabric 16 = 0.5mm 93A TPU 17 = Rough Profile