

Habasit Fitline[®] TMBE02404 Treadmill Belt



The new maintenance free belt generation

Habasit has taken the next step in treadmill belt development, and introduces the next generation maintenance free belt for commercial units.

This advanced next generation maintenance free belt needs no lubrication, so there is no wax build-up on the deck or pulleys.

As a result, Habasit Fitline[®] treadmill belts run free of any wax-related noise or tracking problems offering the only true maintenance free belt.

Habasit Fitline[®] treadmill belts feature excellent appearance and durability.



Test methods – Technical key data Habasit Fitline®

Test methods



Habasit bases its developments on scientific analyses of market needs, thorough lab tests, extensive field test programs, and comparison with competitors' solutions.


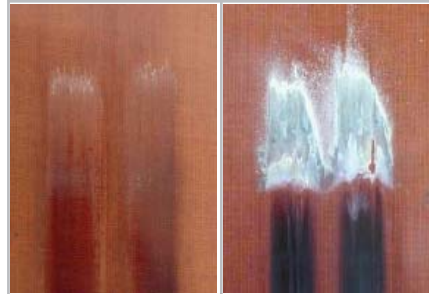
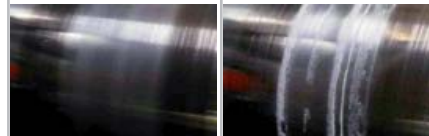
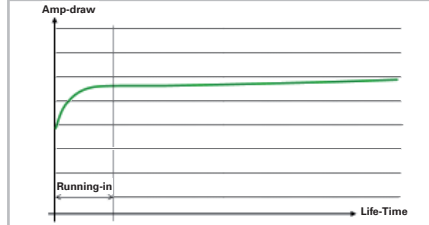
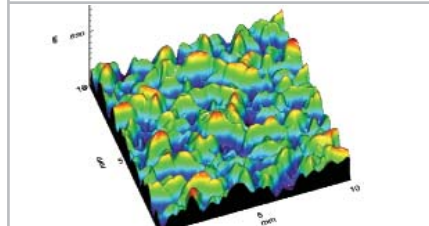

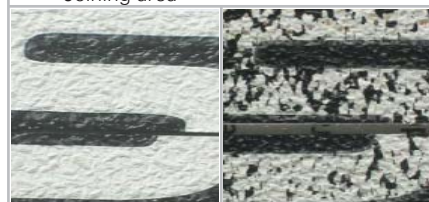
Our test methods include:

- Power consumption measurement
- Accelerated belt life tests
- Friction tests
- Wear and tear tests
- Noise measurements
- Impact tests
- Embossing improvement analysis
- High-speed data acquisition of load distribution
- Field tests

Technical key data Habasit Fitline® TMBE02404

Technical Data		
Thickness	1.6 mm	0.06 in
Tensile force for 1% elongation (k1% static)	7.5 N/mm	43 lbs./in.
Seamless manufacturing width	2400 mm	94 in.
Product Construction / Design		
Conveying Side	(Material)	Thermoplastic polyurethane (TPU)
Conveying Side	(Surface)	Orange peel
Conveying Side	(Property)	Adhesive
Conveying Side	(Color)	Black
Traction Layer	(Material)	Polyester (PET) fabric
Pulley Side	(Material)	Polyester (PET) fabric
Pulley Side	(Surface)	Impregnated fabric
Pulley Side	(Color)	Gray

Features and benefits Habasit Fitline®

	Features	Your benefits
	<ul style="list-style-type: none"> • Unique maintenance free solution 	<ul style="list-style-type: none"> → No lubrication required for the life of the product, reduced downtime → Less abrasion of belt's pulley side and sliding deck → Low operational cost → Long belt life
  <p>Habasit belt Competitor belt</p>	<ul style="list-style-type: none"> • No wax build-up on deck or pulley thanks to Habasit's unique solution 	<ul style="list-style-type: none"> → Constant amp draw → Accurate belt tracking → Noise and vibration reduction
	<ul style="list-style-type: none"> • Low and constant amp-draw 	<ul style="list-style-type: none"> → Energy savings, lower operational costs → Long belt life
	<ul style="list-style-type: none"> • Durable surface with optimized pattern 	<ul style="list-style-type: none"> → Runner friendly → Less surface abrasion → Excellent appearance → Good grip for runners' shoes → Long belt life
	<ul style="list-style-type: none"> • Perfect joining technique 	<ul style="list-style-type: none"> → Outstanding durability → Invisible splice area
 <p>Logo on Habasit belt ...on Competitor belt</p>	<ul style="list-style-type: none"> • Logo with high contrast and outstanding abrasion resistance 	<ul style="list-style-type: none"> → Excellent visibility on running belt → Bright, clear appearance → Durable

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Rossi is one of Europe's largest
manufacturers of gear reducers,
gearmotors, inverters, standard
and brakemotors and is a
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