

# STEEL BELTS FOR LAMINATED TUBES

- EASTAR STEEL BELTS -

Laminated tubes are commonly used for packages of toothpaste, pharmacy, cosmetics, food, and many other applications. Steel belts are the critical components of the laminated tube machine to manufacture laminated tubes at low cost, good quality in consistency, and reliability. It is a small, tiny component but critical to the final performance of the machine's operation.



## EXCELLENT QUALITY COMES FROM 3 PERSISTENCES

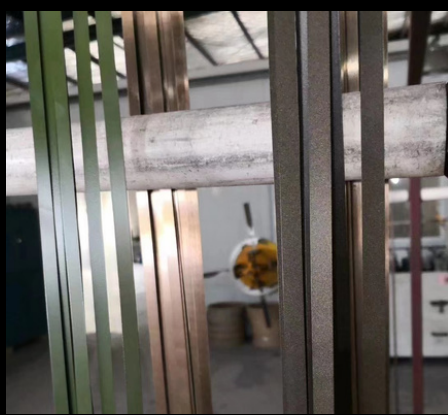
1. Supreme Steel Base Materials
2. Tight Dimensional Tolerance
3. Great Adhesion of Surface Coating

**Asia Ind Metals**  
亞洲工業金屬有限公司



# 1. SUPREME STEEL BASE MATERIAL

Estar only uses the best quality stainless steel from major famous steel mills for manufacturing the base of steel belts. To achieve great performance of the steel belts, the stainless steel material, austenite or precipitation hardening type, needs to be with high ultimate yield strength and fatigue strength, keeping the straps from deformation under fast running speed.



# 2. TIGHT DIMENSIONAL TOLERANCE

Tight dimensional tolerance is a key to excellent quality for steel belts. With the help of custom-made tooling and fixtures, stainless steel strips have been slit, cut, edge ground, surface polished, and laser-welded carefully by experienced artisans to produce state-of-art steel belts.

## Key parameters of Eastar steel belts

- Material: SUS301, SUS304, SUS316, 17-7PH, 15-7PH
- Thickness: 0.05~1.0mm
- Width: 3mm~600mm
- Hardness: HV360~HV480    Tensile Strength: 1000~1700N/mm<sup>2</sup>
- Edge Camber: <=2mm/10,000mmx
- Edge Status: Well-rounded (avoid sharp edge)

# 3. GREAT ADHESION OF SURFACE COATING

Estar steel belts serve in various colors, such as black, green, white, brown, and gold. The colors come from different PTFE or resin coating materials, providing the benefits of non-sticking, wear-resisting, corrosion resistance, high-temperature durability, etc. With particular in-house expertise in coating skills, Eastar steel belts provide much better adhesion and evenly thickness than competitors on coating. This also ensures a longer service time for the steel belts.



# CONTACT INFORMATION

Estar Steel Belts are manufactured by a sister company of Asia Industrial Metals in China and sold globally by Asia Industrial Metals. Please don't hesitate to contact us if you have any questions.



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