

Speedy-Power Transmission use of Machine *Flat Belting*

Made in India



**PERFORMANCE MEETS
EXTREME-STRENGTH FEATURES**



Cotton Hard Duck
Rubber as per IS 1370



Leather Nylon per ISO 554



Balata Packing as per BS 351



Nylon per ISO R284

www.hicPowerDrive.com

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***Installation & Warranty
Information***

HIC
UNIVERSAL
True Performance Rubbers

**Wish High
Speed Machine
Rotation By
Driven
Line Shaft**

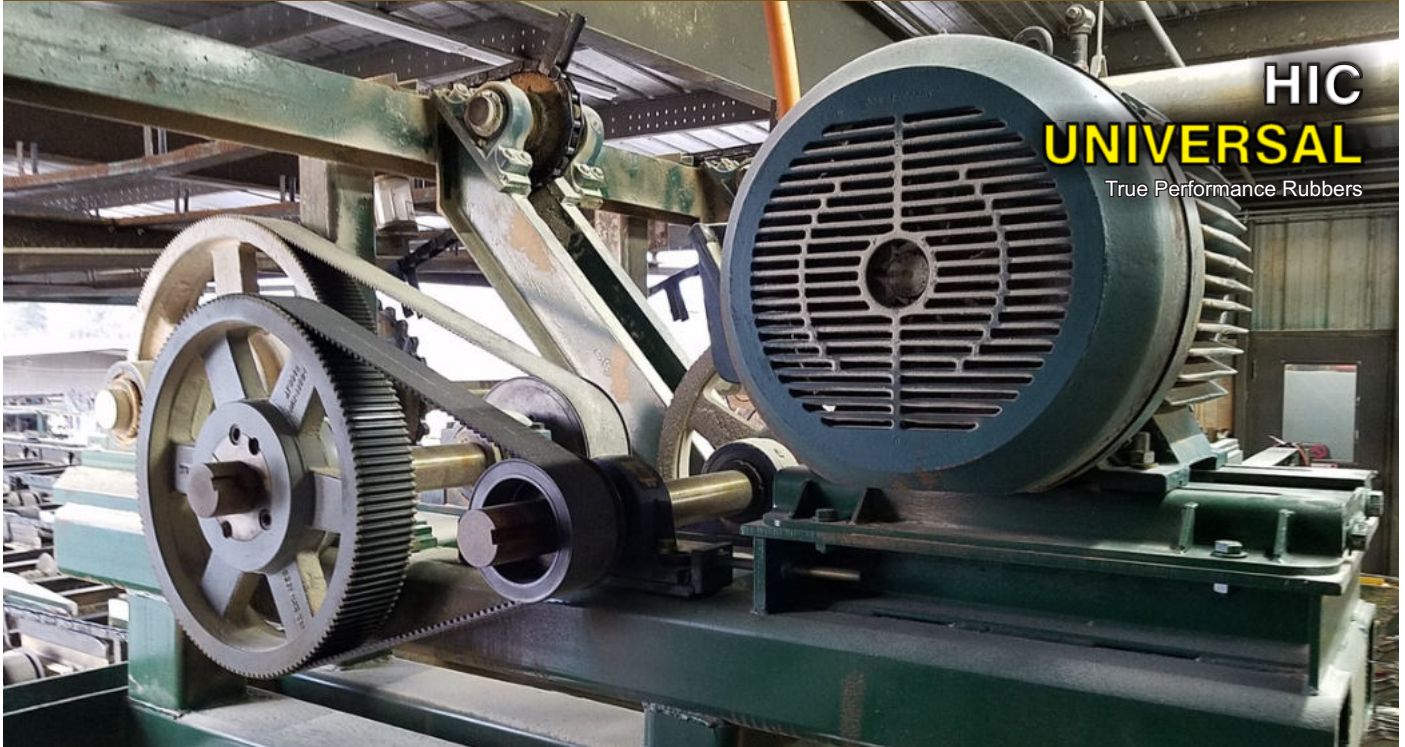


**Manufacturing Range at: www.UniversalDelhi.org
Profile at: www.hicRubber.com**



Thank You for Purchasing HIC “UNIVERSAL” Transmission Belt

HIC International Co.'s Manufactured Quality industrial cotton fabric ply pre-stretched multiple layers friction surface Transmission Rubber Belting and Nylon Sandwich Flat Belt produced of very high tensile strength polyamide thin traction layer of nylon with two covers of elastomer and one intermediate layer of fabric or chrome leather on each side superseding IS 1370, IS 6538, BS 3790, ISO 4184 standards Energy-Efficient Machine Drive & Stretch-less Power Transmission aspect Advantage assures Long Life Reliability.



Break-free Large Central Distances Drive Flat Belting Installation **Tips**

1. **Tensioning Device Position** ensure in the innermost.
2. **Shaft Pulley Check** for shafts are parallel and pulleys aligned perpendicular to the belt running axis.
3. **Running Surfaces of Pulleys** must be clean and free from grease, soil and dust.
4. **Tensioning Check Before installing**, trace small measuring marks at a distance of e.g. 1000 mm (recommendation) on un-tensioned belt. Use a ball-point pen and mark as accurately as possible. Do not place measuring distance over joining area.
For short belts or if the central distance on machine is shorter, choose a shorter measuring mark distance, e.g. 500 mm.
Longer the distance between measuring marks, Higher the tensioning Accuracy.
5. **Lay Belt First on Small Pulley, Then on Large Pulley** and Do Not force the belt over the pulley edges. Do not use unsuitable tools such as screwdrivers, hammers, etc.
Special care be taken when installing belts with an Aramid traction layer (TF-belts). These sandwich belts are sensitive to twisting and buckling.
6. **Tension Flat Belt** by enlarging center distance until distance between measuring marks has increased by the value of the required (calculated) initial elongation.
7. **Rotate** the belt once or twice by hand. The flat belt must not drift or run off even when the direction of rotation is changed.
8. **Measuring Marks Distance Check** again. If necessary, tension the belt to the required initial elongation.
9. **Fix Screws of Tensioning Device**, and secure original protective casing before starting the motor.
10. **Prevent an Electrostatic Charge** by ensuring belt installation grounded properly, that is, electrically connected with the earth potential.

Size Variation (+,-1% Width & Length ; +,-0.3 mm Thickness) as per HIC manufacturing tolerance should be acceptable.

Disclaimer: Information's, written and verbal are provided by HIC, relative to its **rubber transmission belting** which it determines to be reliable & no liabilities of whatsoever nature in regards to its uses. The purchaser of HIC UNIVERSAL brand **flat transmission belts** should determine for itself the suitability of such rubber products.

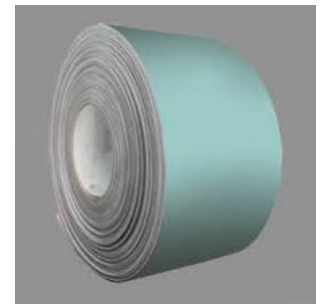


Why HIC Universal Transmission Rubber Belts ?

Energy Efficient Nylon Core Leather Fabric LF, LL, TA, TFO
Reduces Power Consumption in Textile, Paper Machines, Marble Gangsaw Shaft Rotation

High Breaking Strength Cotton Duck Plies 37oz., 34oz, 31oz
Ensures High Speed in Rice & Flour Processing, Agri. Water Pump

High Friction Surface Rubber Flat Belting XRS, AR
Allows Extreme Power Transmission in Package Handling, Parcels



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www.hic-india.com

WARRANTY CERTIFICATE

The goods tailor-made, supplied as per buyer's P.O. specifications is warranted against any manufacturing defects for 12 months from the date of Invoice, and assume liability of repairing free of cost in the event of any manufacturing defects.

HIC Int. shall be under no liability in respect of any defect in the goods arising from any drawing, design or specification supplied by the Client. Goods claimed to be in default must be returned to HIC's factory at client cost; cost for return transport prepaid.



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