ESCON

DELIVERING CUSTOMER SATISFACTION WITH QUALITY PRODUCTS

Made tough,
Stays tough...



V- BELTS

- Escon Classical V - Belt
- Escon Wedge Belt
- Escon Harvester Combine Belt
- Escon Mud Loader Belt
- Escon Hexagon Belt
- Escon Poly V-Belts
- Escon FHP Belt
- Escon Raw Edge Cogged Belt
- Escon Aramid Belt
- Escon Banded Belt

IS - 2494 CM/L-0008392386

IS - 14261 CM/L-8800200116

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ABOUT US

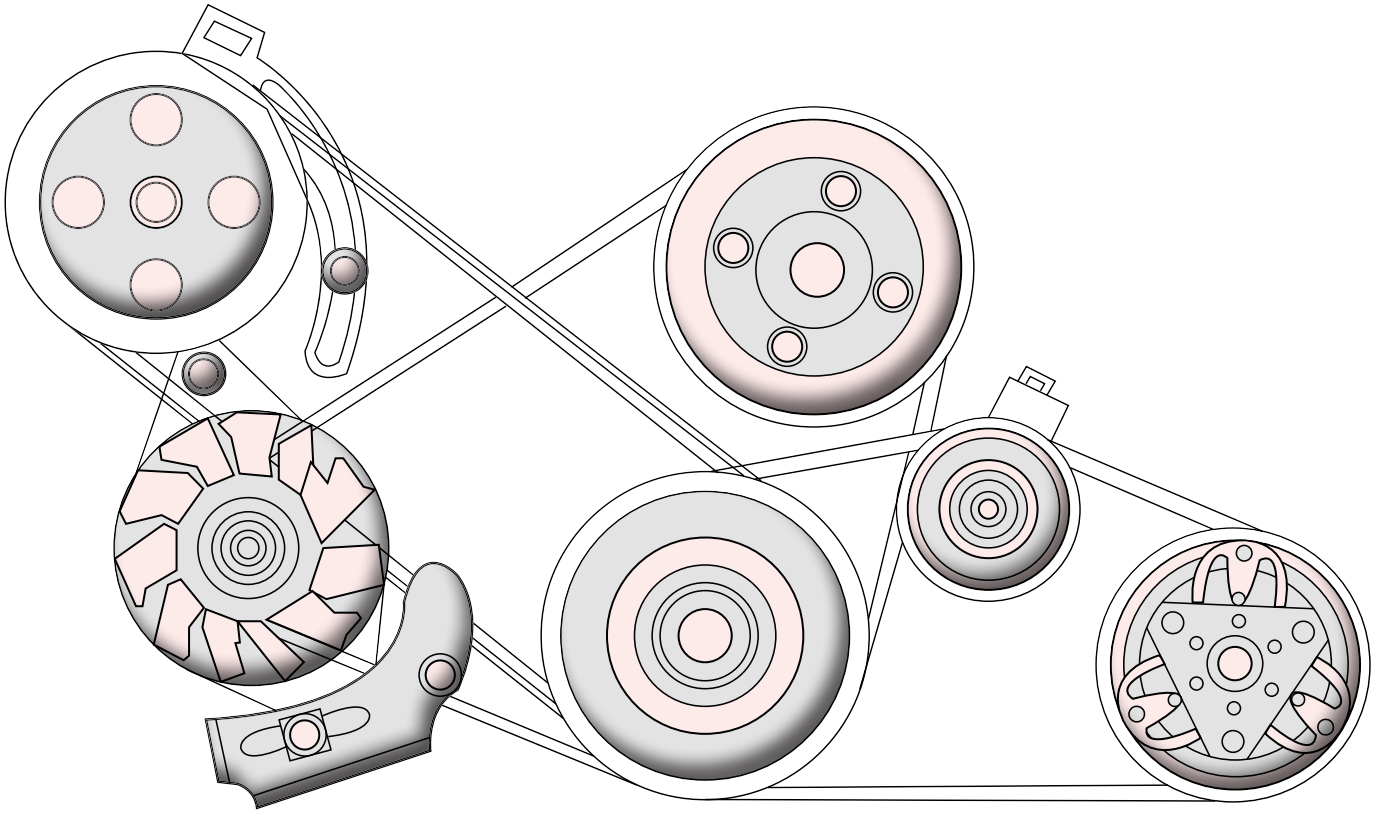
Escon Group commenced its Business Activities in early 1950's, and till date is involved in manufacturing and distribution of quality products in Mechanical Power Transmission, Material Handling and Hand- Cutting tools segments.

Escon Superior quality V-Belts are manufactured in India at our two most mordern manufacturing units located in Ghaziabad, Uttar Pradesh Since 1992 and District Una, Himachal Pradesh since 2010.

Escon is one among the very few organised manufactures of V-Belts in India and enjoys significant brand equity in the Mechanical Power Transmission Industry.

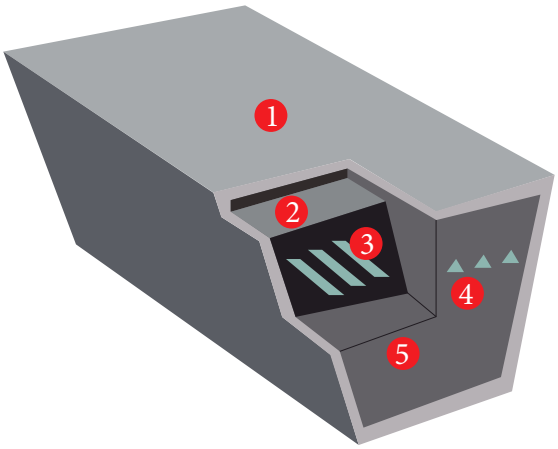
Escon brings together the required combination of best State of the art Manufacturing Facility, Systematic Approach, High Quality Raw Materials, Technical Expertise and Process control to achieve our mission to " Deliver Customer Satisfaction With Quality Products"

On the user front Escon understands that in all industries requirement of Mechanical power transmission demands high standards of safety, quality and cost efficiency. Escon V-Belts offer the industry a comprehensive range meeting today's stringent requirements.



BELT CONSTRUCTION

Escon V-Belts are manufactured from tough, long-lasting natural and synthetic rubber, reinforced with HMLS polyester cords. Specially formulated rubber compounds give heat and oil resistance which ensures that the belts will perform uniformily in a range of ambient temperatures.



FEATURES

Cover fabrics enhance durability by protecting inner parts.

Specially designed cords enhance durability and length stability.

Excellent oil and heat resistance.

Enhances power transmission efficiency by reducing slip.

CONSTRUCTION	FUNCTIONS	MATERIALS
1. Cover Fabric	Protects the inner parts of the belts and provides excellent abrasion	Polyester Cotton fabric and CR rubber.
2. Compression rubber	Maintain belt shape (upper) and cord line	Natural Rubber, Synthetic Rubber.
3. Tension member	Primary material for transmitting power	High Strength HMLS Polyester Cords.
4. Cushion rubber	Supports and protects Tension member adhesion	Natural Rubber, Synthetic Rubber.
5. Specially compounded Base rubber	Maintains belt shape	Natural Rubber, Synthetic Rubber.

ESCON CLASSICAL V-BELT

Escon V-belts remain the most widely used and offer reliable service with minimum maintenance in majority of medium and heavy duty industrial applications .

a) Cover : Escon V-Belt Bias cut cover fabric is impregnated with special Choloroprene rubber to provide excellent oil, heat and abrasion resistance.

b) Tension Member : Super Strength HMLS Polyester Cords ensure length stability, trouble free performance and restrict elongation.

c) Top Compression Section : High heat dissipating rubber compound can withstands increased flexing and sudden torque loads.

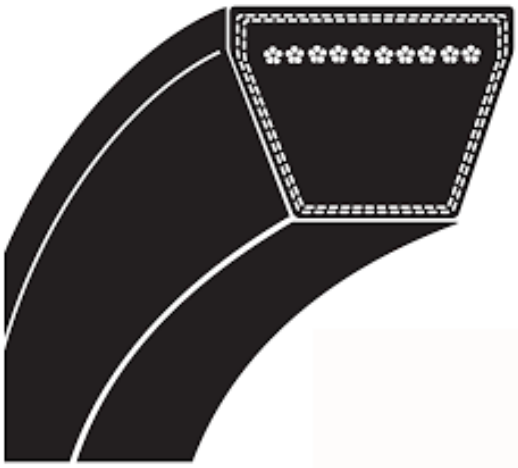
d) Insulation Section: This holds the tension members in place and acts as a binding force between cords, top and bottom Compression Sections.

e) Bottom Compound : The bottom compound is specially compounded to resist compression fatigue and heat for longer service life.

Wrapped type belts manufactured by Escon are A, B, C, D and E sections.
Escon V-Belts confirm to IS 2494 standards.



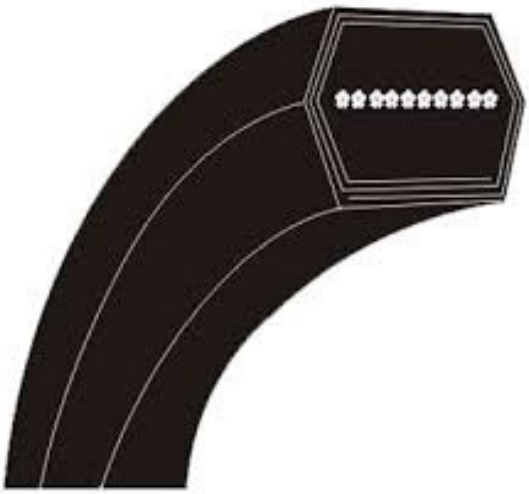
ESCON WEDGE BELT



Escon Heavy duty Space Saver Wedge belts contain high modulus polyester cords , which together with specially formulated bottom compression rubber compound and insulation rubber , constitute over unshakable union even under severest flexing conditions .
Escon Wedge belts do not buckle even on the toughest application and are most preferred in most compact industrial drives.

Escon Wedge belts confirm to IS 14261 / BS 3790

Wedge belts manufactured by ESCON are SPZ, SPA, SPB, SPC, 3V, 5V and 8V



ESCON HEXAGONAL BELT

Escon Hexagonal Belts are used on the drives with one or more reverse bends and usually transmit power on both sides of the belt .

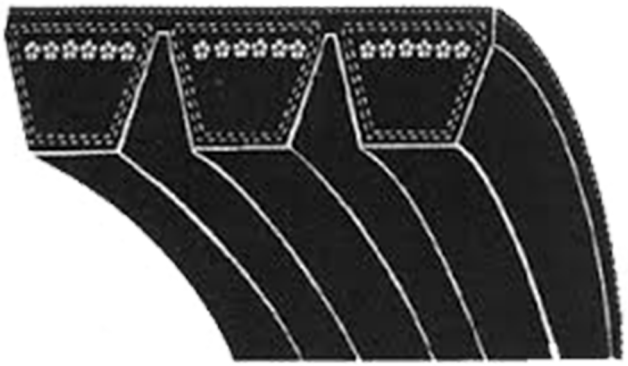
Escon Hexagonal Belts possess extra flexibility which allows hassle free bending on both the sides and can with stand to extra stresses encountered in agricultural applications.

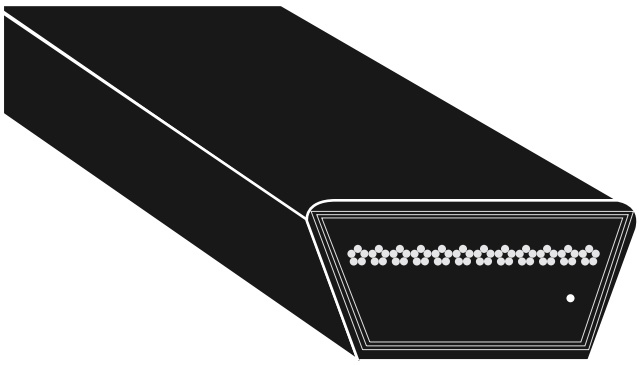
These belts are available in standard AA, BB and CC sections. They are commonly used on agricultural machinery.

ESCON BANDED BELT

ESCON Banded V-Belts are two or more V-belts joined together with a high quality Polychloroprene compounding fabric into a single driving belt unit and joined together by a common backing. These belts are especially useful in heavy-duty applications in which these belts ensure equal load distribution in drives where high shock or vibration problem occur which can cause the belt to flip over or jump out of the Pulley grooves.

ESCON manufactures these belts in HA, HB ,HC Sections





ESCON HARVESTER COMBINE BELT

ESCON HARVESTER COMBINE V-belts are used in agricultural machinery work in extreme outdoor conditions, where they are exposed to sun, dust, dirt and other objects. In addition, Harvestor belts often work in very operationally challenging transmission systems that are subjected to frequent jerks. These belts are most suitably designed and they adapt to these conditions properly.

Escon manufactures these belts in HI,HJ, HK,HL,HM,HN,HO,HP,HQ, 32*15,38*18,57*28,63*25,71*20, 76*31

ESCON POLY V - BELTS

Escon manufactures high performance Poly V-Belts in PK Profiles
Escon Poly Belts :

1. Eliminates belt matching.
2. Permits drive design to meet exact power or space requirements.
3. Distributes the drive load across the entire belt width.
4. Permits cooler running and high drive efficiency.
5. Excels on small pulleys at high speeds.
6. Extremely flexible.
7. High flexing capacity at high flex frequency.
8. Uniform power distribution across the entire width of the belt.
9. Long service life.



ESCON FHP BELT



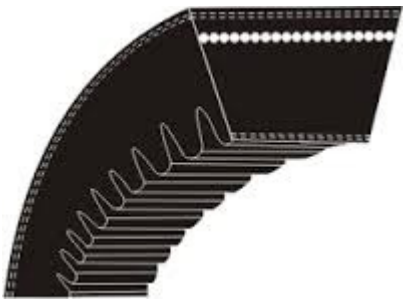
ESCON Fractional Horse Power (FHP) V-belts are used for light-duty industrial machinery and domestic appliances.

ESCON FHP Belt possess excellent flexibility, Smooth and quiet operation in fractional horsepower drive applications.

ESCON RAW EDGE COGGED BELT

These belts due to their design & construction can be used on Smaller Pulley dia than the recommended for conventional V Belts. These Belts provide better grip with Pulley surface and transmit maximum percentage of power in comparision to conventional V Belts. As a result they save power while running, the Teeth type construction at the base leads to better heat dissipation and the belts run cooler. For long service life the construction features wear, oil and heat resistance top and bottom fabric also the bottom rubber compound is fibre reinforced to restrict elongation.

They are manufactured in sections AX, BX ,CX, 3VX, 5VX SPZX(XPZ), SPAX(XPA), SPBX(XPB) and SPCX(XPC).



ESCON MUD LOADER BELT

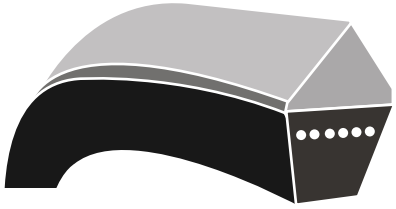


ESCON MUD LOADER BELT ARE SPECIALLY DESIGNED TO GIVE VERY HIGH LIFE DUE TO ITS EXCELLENT TENSILE AND STRONG BONDING.

ARAMED CORD REINFORCED V- BELT

Escon Aramid /Kevlar reinforced belts are available in all Classical sections ,Wedge Sections , Banded Sections , Hexagon Sections and Harvester Combine Sections.

Special Features :
Very high tensile strength & Modulus.
No elongation.
High power rating capacity.
Higher flex fatigue resistance.
Higher torque load absorption capacity.
Higher thermal stability.



ESCON PROFILE TOP CONICAL V- BELT

Profile Top V-Belts are available in the classical B and C sections and are mainly used for conveying purposes in the Ceramic Tiles Industry.

ESCON

MANUFACTURING UNIT & TESTING FACILITIES AT PLANT














MADE IN INDIA · OIL RESISTANT · STRONG & DURABLE · HIGH SAVING · INCREASE EFFICIENCY · FLEXIBILITY · ABRASION RESISTANT