

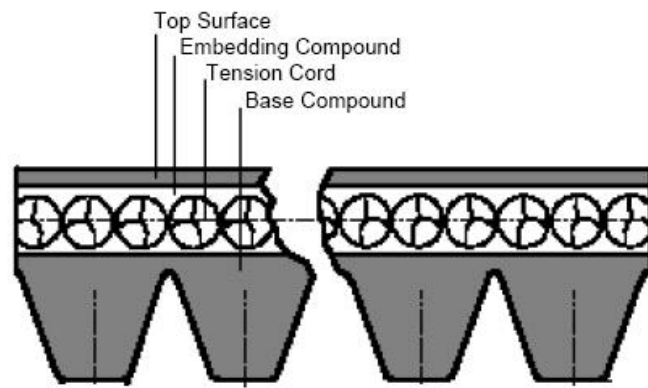
## Reliable drive - for highest efficiency!

New engine design concepts limit the space available in the engine compartment and require high performance v-belts. In addition, the increased temperature next to the engine creates tough working conditions for v-belts.

To meet these challenging demands, John Deere offers v-belts that combine excellent technical features as well as optimum temperature-resistant attributes through the usage of a special rubber mixture - for maximum reliability of your tractor.

### Design of genuine John Deere v-belts

The following overview shows the most important features of genuine John Deere v-belts.



Special John Deere features	Your benefits!
Top surface	Special rubber surface - for high wear-resistance
Embedding compound	Highly adhesive rubber compound layers - for excellent stability of the v-belt
Tension cord	<ul style="list-style-type: none"> <li>• Low-stretch polyester cord - for highest stability</li> <li>• Extreme tensile strength</li> </ul>
Base compound - low profile height	<ul style="list-style-type: none"> <li>• High flexibility</li> <li>• Excellent heat radiation - for maximum life-time</li> <li>• Good performance even in the serpentine drive of the engine idlers</li> </ul>
Assembly of trapezoid ribs with embedded tension cord	<ul style="list-style-type: none"> <li>• High power transmission, minimum slip</li> <li>• Less wear</li> <li>• Good running smoothness</li> </ul>
Banded v-belt	High resistance against vibration and shocks

## Special material for highest reliability

John Deere uses a special rubber mixture to meet the highest demands. Due to the use of this material, John Deere v-belts are more resistant against temperature and external influences such as ozone, oil and fuel:

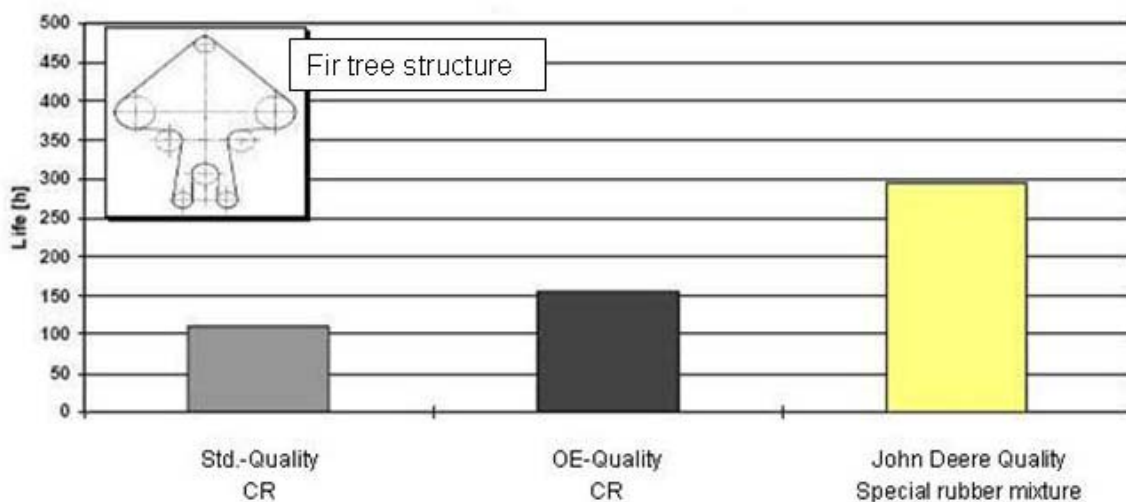
- Heat resistant up to 120°C
- Cold resistant up to -25°C
- Higher resistance against oil, ozone and fuel in comparison to standard v-belts

The following graphic shows the results of a durability test. The tested v-belts were: a standard belt and OE quality chloroprene-belt and a special rubber mixture belt.

The test conditions were as follows:

- Test stand with a fir tree structure
- Simulated ambient temperature: 120°C
- Driver speed: 5000 rpm
- End of test: over 10 ribs crack within 100 mm or failure of rib

During the durability test the John Deere v-belt shows a significant higher lifetime compared to the standard v-belt due to the optimal combination of material and technical features.



## Overview of respective John Deere V-belts

Part No.	Description	Tractor models	Remarks
<b>L153280</b>	V-ribbed drive belt 1910 mm	6820-6920S, 6325, 6425, 6330, 6430, 6830, 6930, 6330 Premium, 6830 Premium, 6930 Premium, 7030 Premium	
<b>L153281</b>	V-ribbed drive belt 2375 mm	6820-6920S, 6130-6430, 6830, 6930, 6230 Premium, 6330 Premium, 6830 Premium, 6930 Premium, 7030 Premium	with pneumatic trailer brake
<b>L155538</b>	V-ribbed drive belt 2455 mm	6820-6920S, 6330, 6430, 6830, 6930, 6330 Premium, 6830 Premium	with air conditioning system
<b>L153282</b>	V-ribbed drive belt 2505 mm	6820-6920S, 6330, 6430, 6830, 6930, 6330 Premium, 6830 Premium	with pneumatic trailer brake and air conditioning system

## Benefits of genuine John Deere ribbed belts

- Maximum lifetime - special technical features ensure high resistance against vibration and shocks
- Constructed from a special rubber mixture - results in high oil and temperature resistance
- Good performance and reduced wear - due to combination of heat-resistant rubber compound and low-stretch tension cord
- High power transmission
- Minimum slip
- High flexibility and dimensionally stable
- Vibration free and low-noise



## Tips & Tricks for storing and mounting v-belts

### Storage

- Store v-belts at a temperature between +15°C and +25°C in a proper and dry place to preserve the quality even during longer storage periods.
- Never store your v-belts in direct sunlight!
- Store your v-belts in a tension-free state!
- Store your v-belts packaged until needed!
- Avoid contact of v-belt with corrosive chemicals, oil or other liquids!

### Mounting

- DO NOT use screwdrivers or crowbars for mounting! This severely reduces the lifetime of the belt!
- Only use special tools for mounting!
- Never apply force when installing the belt!

**CAUTION:** NEVER attempt to adjust a belt while it is operating. Keep hands, feet and clothing away!