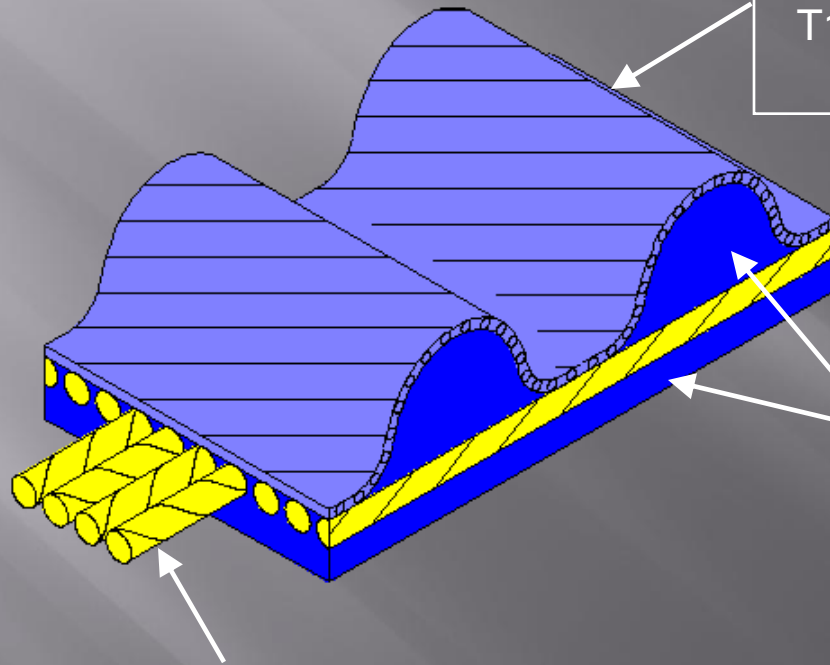




# Timing Belt Performance OEM Belt vs. T196R

# Material Enhancements



## Jacket

OEM Belt : STD heat resistant Nylon jacket  
T196R : High load & wear resistant Nylon jacket

## Rubber

OEM Belt : STD H-NBR rubber  
T196R : Formulated for higher temperatures and higher tooth loads

## Cord

OEM Belt : STD heat resistance glass cord  
T196R : High heat & water resistance high strength glass cord

# Performance Distinctions

## Life differentiation (OEM = 1)

### ➤ **Tooth shear life = 2 times**

Tooth shear is important with high rpm, high performance engines due to the constant fluctuation in acceleration and deceleration where tooth stability is critical.

### ➤ **Heat resistance life = 3 times**

Heat is a major factor in timing belt degradation and high performing engines run much hotter. Heat resistance is essential for long belt life.

### ➤ **Tensile strength life = 2 times**

Conditions such as heat and contamination damage the longitudinally cords used in a timing belt. But the real devastator to the cord is the continual bending and straightening of the belt. Tensile strength is extremely important in keeping the belt from breaking during the billions of rotations it must endure.

### ➤ **Contamination life (Oil and coolant) = 2 times**

Coolant is another element that can cause damage if not addressed. Contamination resistance is also very important in a timing belt. One of the most detrimental elements to rubber is petroleum products such as oil.