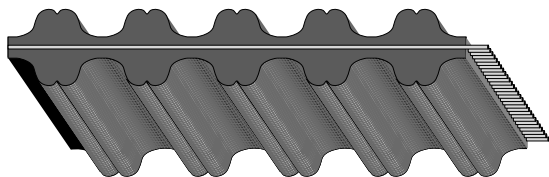




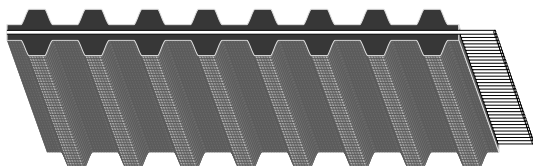
DUAL HI-PERFORMANCE PD™ & DUAL POSITIVE DRIVE



DUAL HI-PERFORMANCE PD

Part No: D10408M20

| | |
|------|----------------------------------|
| D | Dual Sided |
| 1040 | 1040 mm Pitch Length |
| 8M | 8 mm Pitch – Round Tooth Profile |
| 20 | 20 mm Wide |



DUAL POSITIVE DRIVE

Part No: D225L050

| | |
|-----|-------------------------------------|
| D | Dual Sided |
| 225 | 22.5" Pitch Length |
| L | L Pitch – Trapezoidal Tooth Profile |
| 050 | .50" Wide |

IMPROVED EFFICIENCY WITH DUAL SYNCHRONOUS BELTS

Goodyear's dual synchronous belts have precision teeth on both sides. This allows the design of more sophisticated, more efficient, and more compact drives where a single belt is needed to provide accurate timing from either side, rotation direction changes, or both.

Since a Dual Hi-Performance Pd or Dual Positive Drive belt can replace two or more single-sided synchronous belts, less space is needed. This reduction in space means smaller sprockets can be used, bringing the weight and component cost of the drive system down considerably, contributing to a more efficient drive system.

DUAL HI-PERFORMANCE PD BELTS—8M & 14M PROFILES

Dual Hi-Performance Pd belts, with their unique round tooth profile, drop into corresponding HTD sprockets. They were designed to minimize interference between belt and sprocket during mesh, providing greater horsepower capacity without slippage or speed variation. By designing the tooth to disperse critical stresses and create a positive engagement with the sprocket, belt performance is improved along with assuring longer belt life.

APPLICATIONS

For precision drives where synchronized reverse rotation drive shafts are encountered and compactness is desired.

KEY FEATURES & BENEFITS

- Dual-sided teeth versatility in 8M, 14M, XL, L and H profiles.
- Universal tooth profiles drop into existing sprockets.
- High-grade Wingprene compound.
- Fiberglass tension cords for excellent resistance to shrinkage/elongation.
- More compact drive designs.
- Oil, heat, ozone, and abrasion resistant.

DUAL POSITIVE DRIVE BELTS—XL, L, & H PROFILES

Goodyear Dual Positive Drive belts drop into existing trapezoidal profiled sprockets. The teeth are molded to exact tolerances for width, pitch, and length. No other belt or chain is more accurate. This precision molding means that Dual Goodyear Pd belts mesh perfectly with pulley grooves to engage and release with less friction.

HIGH-STRENGTH TENSION CORDS

The tension-carrying member in Dual HPPD and Dual Positive Drive belts is twisted from multiple strands of fiberglass cord which are high in tensile strength, flex life, and resistance to elongation. This results in excellent dimensional stability preventing belt shrinkage or stretch under load. Take-up allowances are greatly reduced or eliminated, promoting a more maintenance-free drive.

WINGPRENE™ COMPOUNDING FOR LONG LIFE

Goodyear dual synchronous belts are made with Goodyear's Wingprene polymer which is specially compounded to resist damaging environmental factors that can shorten belt life. Wingprene has excellent oil, heat, ozone, and abrasion resistance increasing durability and preserving belt flexibility leading to extended belt life.

SMOOTH, PRECISION OPERATION

A special protective stretch nylon facing developed especially for Goodyear dual synchronous belts provides the most durable tooth wear surface available. It also reduces friction so it minimizes wear on both belts and pulleys while it contributes to smooth, precision operation.

SYNCHRONOUS