

New EPDM Power Wedge-Cog Belt

Carlisle has redeveloped the construction of its Power Wedge cog belt. A NEW rubber compound, NEW Cog design provides even greater performance on what is now the finest belt available in today's market.



EPDM



◆ NEW EPDM Compound

EPDM (Ethylene Propylene Diene Monomer) is a synthetic rubber that is durable and will operate across a wider operating range.

- Oil & heat resistant, anti-static
- Improved resistance against hardening and glazing caused by heat
- 60% broader operating temps (-50°C to +110°C)
- More tolerant in under tensioned and belt slip situations
- Raw edge anti slip higher Energy Savings
- Chekmate® matching

◆ NEW Cog Pattern

New rounded tooth profile strengthens tooth and improves durability under extreme loads.

- Increased Belt Flexibility
- Larger tooth radius reduces tooth stress under high loads
- Superior performance in small diameter pulleys
- Improved Heat Dissipation

The EPDM Power Wedge Cog Belt will have a new distinctive Silver label improving identification and where applicable, belts will be dual branded with imperial and metric part numbers.

5VX450	SPBX1150			POWER-WEDGE® COG-BELT®		DL-HEAT RESISTANT STATIC DISSIPATING	MADE IN U.S.A.
5VX450	SPBX1150			POWER-WEDGE® COG-BELT®		DL-HEAT RESISTANT STATIC DISSIPATING	MADE IN U.S.A.
5VX450	SPBX1150			POWER-WEDGE® COG-BELT®		DL-HEAT RESISTANT STATIC DISSIPATING	MADE IN U.S.A.
5VX450	SPBX1150			POWER-WEDGE® COG-BELT®		DL-HEAT RESISTANT STATIC DISSIPATING	MADE IN U.S.A.

Carlisle's NEW EPDM Power-Wedge Cog Belts are Chekmate® Matched, Made in the USA and fully backed by Carlisle's "Ironclad Guarantee"



Carlisle's New EPDM Power Wedge-Cog Belt frequently asked questions.....

What has changed and why the change?

- Carlisle's Power Wedge Cog Belt will now be manufactured in EPDM rubber compound and has a new cog pattern.
- Over the past years we are seeing continuous volatility with Neoprene compounds in the market and manufacturers have done little to no development with Neoprene polymers. EPDM polymer is more stable in the market and manufacturers are making larger investments in its development.
- Carlisle is continuously trying to improve its products and processes, EPDM will allow future development opportunities and reduce the risks from potential supply issues.

When will the NEW EPDM construction be available?

- Production commenced in the USA on the 1st October 2014. Belts are being produced as a running change. As stock is depleted for the old, new construction for that part number will be made.

Will I receive a mixture of old and new construction with deliveries?

- Belts **will not** be shipped mixed (old & new) of the same part number.
- Belts will be shipped with old and new construction of different parts numbers, depending on the inventory levels at the time.
- When you receive a belt in the new construction this will indicate there is no old construction remaining for that part number in PTA stores.


Will the new and old construction belts match?

- **NO** all EPDM belts will carry the Chekmate® logo and will match with each other, **BUT WILL NOT** match with the same part number produced in the old construction.
- Although both the new and old constructions are all within spec they **SHOULD NOT** be used in the same set, different manufacturing methods will cause belts to ride different in pulley grooves.

Will the construction lead to longer belt life?

- Power ratings are the same however the new construction has broader operating temperatures, they are more flexible and have greater resistance against hardening and glazing. These benefits will give longer life under harsher conditions.

How do you distinguish the new construction from the old?

- EPDM belts are branded in a distinctive Silver Label which will include the  logo.
- The more rounded cog design is visibly different.
- Part numbers will remain the same and were applicable dual branded with imperial and metric numbers.