



## PRODUCT INFORMATION BULLETIN

### Storage and Handling for Panther Motorcycle Belts

In order to ensure that Panther Motorcycle Belts give maximum service life it is important to adhere to the following guidelines regarding proper storage and handling.

#### Normal Shelf Life

The quality of a Carlisle Panther Belt is not considered to change significantly within eight years when stored properly under normal conditions. Normal conditions can be defined as temperature below 85°F and relative humidity of 70% or less with no exposure to direct sunlight.

#### Proper Storage

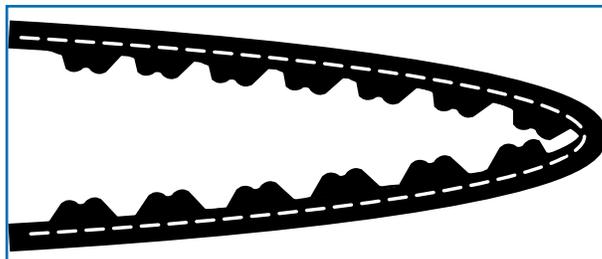
Under favorable storage conditions, belts retain their initial serviceability and dimensions. Conversely, unfavorable conditions can adversely affect belt performance. Belts should be stored in a cool, dry environment with no direct sunlight. Avoid the storage of belts:

- on floors unless a suitable container is provided. They may be susceptible to moisture or otherwise damaged due to traffic
- near windows which may permit exposure to sunlight or moisture.
- near radiators or heaters in the air flow from heating devices, heat from these sources will dry out the natural oils in a belt, substantially reducing service life.
- in the vicinity of transformers, electric motors or other electrical devices which may generate ozone
- near areas where evaporating solvents or other chemicals are present in the atmosphere
- on hooks or pegs

Panther Motorcycle Belts are shipped from the factory in individual cartons. It is recommended that the belt remain in the carton until it is ready to be installed. Cartons can be stacked on shelves as long as there is not sufficient weight to cause distortion to the cartons.

#### Belt Crimping

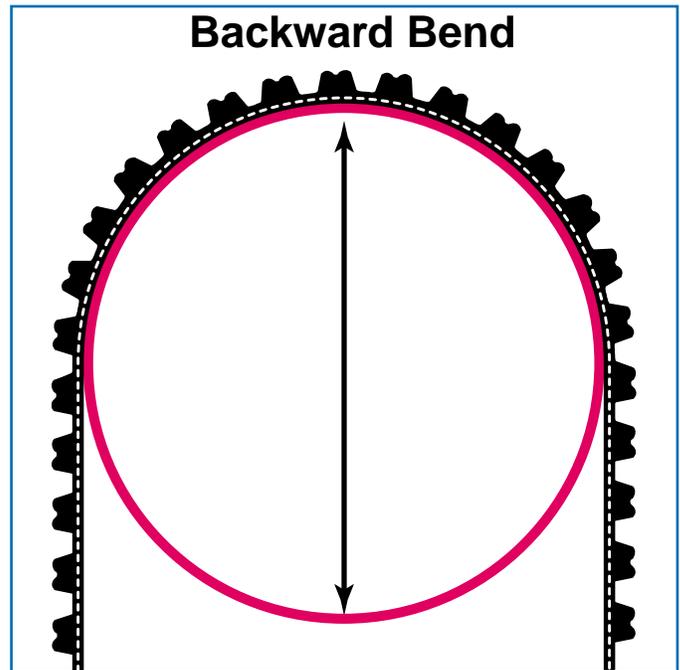
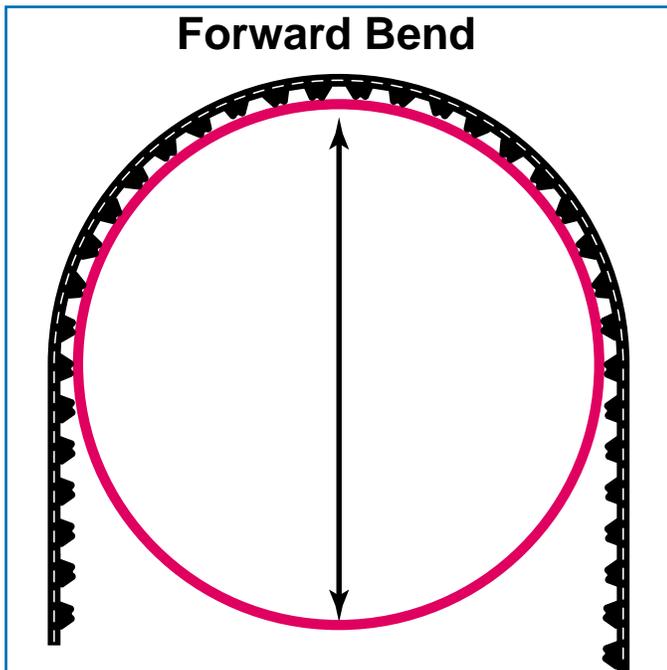
A Panther Belt should never be crimped. Belt Crimp occurs when the belt is bent in a small radius causing damage to the internal cords. Crimping occurs even when the belt is bent momentarily in a small radius. A belt may also be crimped during storage when placed on a peg and allowed to hang for long periods of time. As the belt weight pulls on the peg, localized stresses may cause the belt to relax in a crimped position less than the minimum recommended bend diameter.



### Handling of the Belt — Forward and Backward Bending

Panther Belts should never be tightly coiled or bent. The table below gives the minimum values for forward or backward bending of the belt during handling. Exceeding these values must be avoided to reduce the risk of damage to the belt. Belts that are mishandled in a way that exceeds these values can result in unsatisfactory drive performance and reduced service life.

Belt Pitch	Belt Type	Minimum Outside Bend Diameter (inch)
8mm	primary drive	3"
14mm	rear wheel drive	5"



### Installation

Always move the rear wheel as far forward as possible when installing a Panther belt. The rear wheel should be located in a position that allows for easy installation over the front and rear sprockets without the use of tools. Never pry the belt over the sprockets. This will damage the load-carrying tensile cords and result in premature failure of the belt.

### Belt Guarding

It is not recommended to modify or remove any belt guarding that comes as standard equipment on your motorcycle. A properly guarded belt drive will help guarantee the maximum performance and service life of your belt.



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