



## Standard Construction Features

Belt Type: Synchronous  
Core Material: Polyurethane  
Cord/Tensile: Carbon  
Jacket: Blue Nylon



## Belt Section Dimensions

Tooth Type	Pitch (mm)	$h_s$ (mm)	$h_t$ (mm)
GT	14.000	10.200	5.900

## Belt Dimensions

Pitch Length (mm)	No. Teeth	Width (mm)
2380.00 + 1.040 - 1.040	170	37.000 + 1.110 - 1.110

## Measuring Information

Y (mm)	T (N)	No. Teeth	O.D. (mm)	Pitch Circum. (mm)	Radial Runout (mm)	Axial Runout (mm)	PLD 2a (mm)
966.00 + 0.520 + 0.520	462	32	139.81	448.00	0.0005	0.0010	2.794



The length shall be measured by placing the belts on two pulleys of equal diameters that have been grooved in accordance with standard specifications and rotated at least three complete turns with the specified tension so that each strand receives half the total tension. The length will be that length obtained by adding the Pitch Circumference of one pulley to twice the center distance (dimension 'Y').



## DesignView™ Belt Information Sheet

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**Poly Chain GT Carbon - 14MGT**

Gates Product Number

**9274-5170**

Customer Part Number

**14MGT-2380-37**