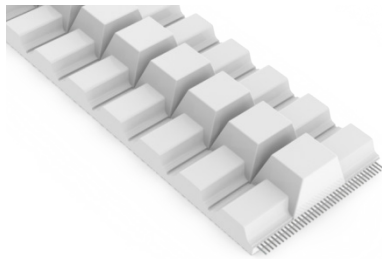




## GATES POLYURETHANE TIMING BELTS

### AT10V-NIRO- SELF TRACKING AND SPECIALIST FOR LIQUIDS

Gates AT10V-NIRO Timing Belts own a integrated V-guide, which reduces or even prevents axial belt movements and allow the use of pulleys without flanges. In addition give the stainless cords the necessary requirement for the use in the contact with liquids.



NEW!

#### PRODUCT DATA

Pitch	10 mm
Minimum Welded Belt Length	960 mm
Standard Roll Length (Tolerance ± 1%)	100 m
Standard Color	White
Cord	Stainless Steel Cord
Minimum Number of Pulley Teeth $z_{min}$	20
Minimum Pulley Diameter	63,70 mm
Minimum Back Bend Diameter	160 mm
FDA / EU Approval	No
Polyurethane	R1 / 92 Shore A (STANDARD) R2 / 85 Shore A (OPTION)
Polyamide Fabric	NB / Polyamide on Back Side (OPTION) NT / Polyamide on Tooth Side (OPTION) NTB / Polyamide on Tooth and Back Side (OPTION)

#### TECHNICAL DATA

Standard Width [mm]	25	32	50	75
Ultimate Tensile Strength $F_{Break}$ [N] Average Value	10.688	13.538	22.088	33.488
Allowable Belt Tension $F_{1all}$ [N] Open Ended	2.806	3.554	5.799	8.791
Allowable Belt Tension $F_{1all}$ [N] Endless Welded	1.403	1.777	2.899	4.396
Allowable Effective Tension $F_{Eall}$ [N] Minimum 15 Teeth are in mesh	1.238	1.961	3.818	6.398
Specific Belt Weight $m_{sp}$ [kg/m/l]	0,21	0,25	0,35	0,49
Specific Belt Stiffness $c_{sp}$ [N]	701.438	888.488	1.449.639	2.197.839

September 2012 • Technical specifications are subject to change without prior notice. • No liability is taken for printing errors.