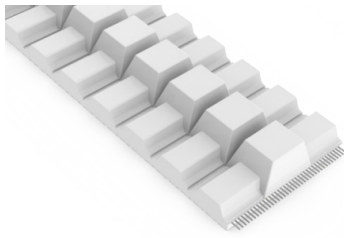




## GATES POLYURETHANE TIMING BELTS

### AT10V-HF – HIGHLY FLEXIBLE AT10 BELT WITH SELF TRACKING V GUIDES

Gates AT10V-HF Timing Belts have an integrated V-guide, which eliminates axial belt movement and allows for the use of pulleys without flanges. In addition the highly flexible steel cord gives the belt greater flexibility than our standard version of the AT10 product.



NEW!

#### PRODUKTDATEN

Pitch	10 mm
Minimum Welded Belt Length	960 mm
Up to 100 mm	
> 100 mm	
Standard Roll Length (Tolerance $\pm 1\%$ )	100 m
Standard Color	White
Cord	High Flexible Steel Cord
Minimum Number of Pulley Teeth $z_{min}$	12
Minimum Pulley Diameter	39 mm
Minimum Back Bend Diameter	100 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)

#### TECHNISCHE DATEN

Standard Width [mm]	25	32	50	75
Ultimate Tensile Strength $F_{Break}$ [N] Average Value	12.975	16.435	26.815	40.655
Allowable Belt Tension $F_{Tall}$ [N] Open Ended	3.456	4.3786	7.142,4	10.829
Allowable Belt Tension $F_{Tall}$ [N] Endless Welded	1.728	2.189	3.571	5.414
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]	0,21	0,24	0,34	0,48
Specific Belt Stiffness $c_{sp}$ [N]	864.000	1.094.400	1.785.600	2.707.200

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

Gates Mectrol GmbH

Werner von Siemens Straße 2

D-64319 Pfungstadt

Phone +49 (0) 6157 / 9727-0

info@gates.com

www.gates.com/europe/pu