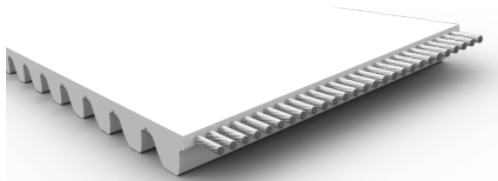




## GATES POLYURETHANE TIMING BELTS

### HTD14-HF – THE FLEXIBLE ONE OF HIS TYPE

Gates HTD14-HF Timing Belts own highly flexible steel cords, which give them a greater willingness to bend than standard HTD14. They allow therefore the use of smaller pulleys and are the choice in case of shortage of place.



NEW!

#### PRODUKTDATEN

Pitch	14 mm
Minimum Welded Belt Length	1.200 mm
Up to 100 mm	
> 100 mm	
Standard Roll Length (Tolerance ± 1%)	50 m
Standard Color	White
Cord	High Flexible Steel Cord
Minimum Number of Pulley Teeth $z_{min}$	23
Minimum Pulley Diameter	102,5 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	40	55	85	115	170
Ultimate Tensile Strength						
$F_{Break}$ [N] Average Value	23.100	38.500	53.900	82.775	113.575	169.400
Allowable Belt Tension						
$F_{Tall}$ [N] Open Ended	4.470	7.449	10.429	16.016	21.975	32.776
Allowable Belt Tension						
$F_{Tall}$ [N] Endless Welded	2.235	3.725	5.214	8.008	10.988	16.388
Allowable Effective Tension						
$F_{Eall}$ [N]						
Minimum 15 Teeth are in mesh	3.430	5.488	7.546	11.662	15.778	23.324
Specific Belt Weight						
$m_{sp}$ [kg/m/mm]			0,0112			
Specific Belt Stiffness						
$c_{sp}$ [N]	1.117.380	1.862.300	2.607220	4.003.945	5.493.785	8.194.120

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

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