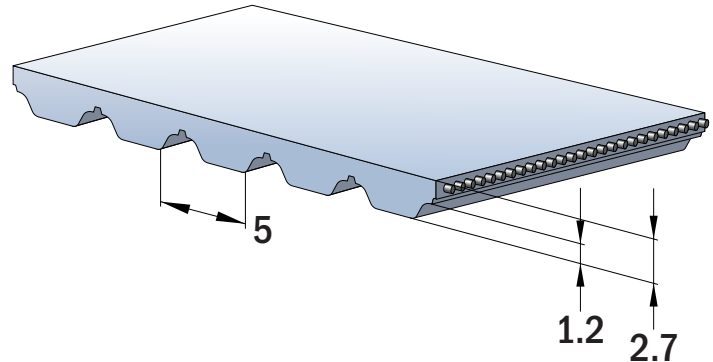




AT5HF SUPER FLEX™

AT5HF SUPER FLEX belts are designed for extremely small pulleys

Gates® SUPER Flex™ belts are truly endless extruded belts with helically wound cords. The AT5HF is designed to work where other belts fail from flex fatigue.



SPECIFICATIONS

Pitch	5 mm
Standard Thickness	2,7 mm
Standard Length	1600 – 12500 mm
min. Length for NT belt	1750 mm
Standard Colour	White
Cord	High Flexible Steel Cord
Minimum Number of Pulley Teeth z_{min}	12
Minimum Pulley Diameter	19,1 mm
Minimum Back Bend Diameter	50 mm
FDA / EU Approval	No
Polyurethane	Standard 92 Shore A
Polyamide Fabric	Optional NT

Technical Data

Standard Width [mm]	10	16	25	32	50	75	100
Ultimate Tensile Strength [N] Average Value							
Steel	2,640	4,400	7,480	9,680	15,400	23,320	31,240
Allowable Belt Tension [N] Open Ended							
Steel	406	677	1,151	1,490	2,370	3,589	4,808
Allowable Effective Tension [N] Endless Welded							
Steel	516	826	1,290	1,651	2,580	3,870	5,160
Allowable Effective Tension [N] Minimum 15 Teeth are in mesh							
	0.37	0.592	0.925	1.184	1.85	2.775	3.7
Specific Belt Stiffness [N]							
Steel	101,568	169,279	287,775	372,415	592,478	897,181	

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