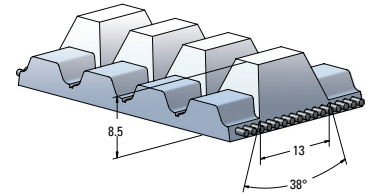




AT10V REINFORCED BELT 150MM

AT10V Steel or Aramid reinforced belts are now available from Gates in widths up to 150mm.

This belt is commonly used in conveying applications or linear positioning where tracking is an issue.



SPECIFICATIONS

Product Data

Pitch	10 mm
Standard Thickness	8.5 mm
Minimum Welded Belt Length	1000 mm
Standard Roll Length (Tolerance ±1%)	100 m
Color	White
Cord	Steel/Aramid
Minimum Number of Pulley Teeth zmin	25 (Steel/Aramid)
Minimum Pulley Diameter	80 mm
Minimum Back Bend Diameter	120 mm (Steel/Aramid)
FDA/ EU Approval	No
Polyurethane	R1/92 Shore A/ -5°C to +70°C
Polyamide Fabric	Yes

Technical Data

Standard Width [mm]	25	32	50	75	100	150
Ultimate Tensile Strength [N] Average Value						
Steel	14250	18050	29450	44650	59850	90250
Aramid	16185	21019	33449	50713	67977	102505
Allowable Belt Tension [N] Open Ended						
Steel	3741	4739	7731	11722	15712	23693
Aramid	1750	2273	3617	5483	7350	11083
Allowable Belt Tension [N] Endless Welded						
Steel	1871	2369	3866	5861	7856	11847
Aramid	1313	1705	2713	4113	5513	8313
Allowable Effective Tension [N] Minimum 15 Teeth in mesh						
	1238	1961	3818	6398	8978	14138
Specific Belt Stiffness [N]						
Steel	935250	1184650	1932850	2930450	3928050	5923500
Aramid	437500	568167	904167	1370833	1837500	2770833

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