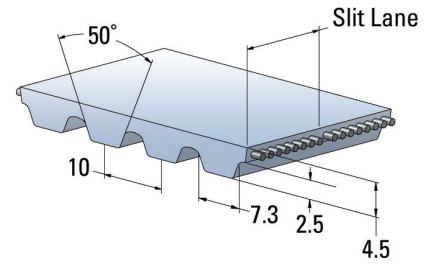




WRAT10 SYNCHRO-POWER® ROLL STOCK

WRAT10 Synchro-Power® belts provide fully encapsulated cord, prevents corrosion and hidden contaminates and is easy to clean.

Endless-welded to any length, this belt is ideal for conveying applications in industrial and food processing markets.



SPECIFICATIONS

Product Data

Pitch	10 mm
Standard Thickness	4.5 mm
Minimum Welded Belt Length	500 mm
Standard Roll Length (Tolerance ±1%)	100 m
Color	White/Blue
Minimum Number of Pulley Teeth zmin	15 (Steel/Aramid)
Minimum Back Bend Diameter	120 mm (Steel/Aramid)
FDA/ EU Approval	Yes (Aramid)
Polyurethane	R1/92 Shore A/-5°C to +70°C R2/85 Shore A/-20°C to +60°C
Polyamide Fabric	No

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						
	2580	3302	5160	7740	10320	15480
Specific Belt Stiffness [N]						
Steel	935250	1184650	1932850	2930450	3928050	5923500
Aramid	437500	568167	904167	1370833	1837500	2770833

UNITED STATES
 9 Northwestern Drive
 Salem, NH 03079
 P +1 (800) 394-4844
 E contact@gatesmectrol.com

EUROPE
 Werner von Siemens Strasse 2
 64319 Pfungstadt, Germany
 P: +49 (0) 6157-9727-0
 E: info@gatesmectrol.de

GATES.COM
GATESMECTROL.COM