



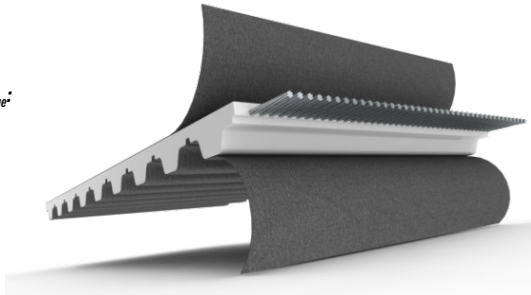
GATES POLYURETHANE TIMING BELTS

T5-ATB – ANTISTATIC AND LONG LIFE

Gates T5 ATB Timing Belts with low-friction nylon fabric on tooth and back side corresponds to the anti-static characteristics to IEC 60079-32 DTS. In addition, it is characterized by a particularly long life.

FEATURES

- Conductive resistance $R_{average}$:
25 k Ω
- Corresponds to:
IEC DTS 60079-32
TRBS 2153
CENELEC TR50404



NEW!

PRODUCT DATA

Pitch	5 mm
Standarddicke	2,6 mm
Minimum Welded Belt Length	480 mm
Standard Roll Length (Tolerance \pm 1%)	100 m
Standard Color	White
Cord	Steel Cord
Minimum Number of Pulley Teeth z_{min}	10
Minimum Pulley Diameter	15,91 mm
Minimum Back Bend Diameter	30 mm
FDA / EU Approval	No
Polyurethane	R1 / 92 Shore A
Polyamide Fabric	Antistatic Polyamide Fabric on Tooth and Back Side

TECHNICAL DATA

Standard Width [mm]	10	16	25	32	50	75	100
Ultimate Tensile Strength F_{Break} [N] Average Value	1.250	2.000	3.375	4.250	6.875	10.375	13.875
Allowable Belt Tension F_{Tall} [N] Open Ended	311	498	840	1.058	1.711	2.582	3.453
Allowable Belt Tension F_{Tall} [N] Endless Welded	156	249	420	529	856	1.291	1.727
Allowable Effective Tension F_{Eall} [N]							
Minimum 15 Teeth are in mesh	356	570	890	1.139	1.780	2.670	3.560
Specific Belt Weight m_{sp} [kg/m/mm]	0,0022						
Specific Belt Stiffness c_{sp} [N]	77.778	124.444	210.000	264.444	427.778	645.556	863.333

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

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