



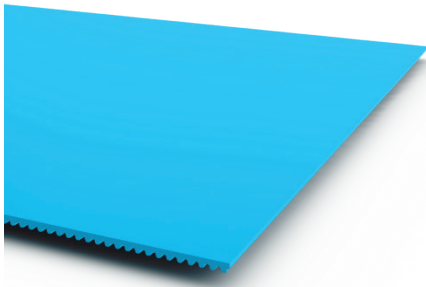
## GATES POLYURETHANE WIDE BELTS

### GMT3™ – CONVEYER SOLUTION FOR LOW NOISE AND NO BELT SLIPPAGE

Gates GMT3™ wide belts are the alternative to conveyor belts to avoid belt slippage and minimize running noise. In addition pulleys with very small diameter can be used.

All standard pulleys from a diameter of 0.75" / 19 mm can be used:

- 3MR GT®
- 3M HTD®
- 3M RPP



GMT3™

#### PRODUCT DATA

Pitch	3 mm
Minimum Welded Belt Length	1.200 mm
Standard Roll Length (Tolerance ± 1%)	60 m
Standard Colour	Blue
Cord	Aramid Cord
Minimum Number of Pulley Teeth $z_{min}$	19
Minimum Pulley Diameter	19 mm
Minimum Back Bend Diameter	30 mm
FDA / EU Approval	Yes
Polyurethane	R2 / 85 Shore A
Polyamide Fabric	No

#### TECHNICAL DATA

Standard Width [mm]	50	100	150	200	250	300	450
Ultimate Tensile Strength $F_{Break}$ [N] Average Value	3.861	7.847	11.833	15.819	19.804	24.039	35.747
Allowable Belt Tension $F_{1alt}$ [N] Open Ended	587	1.174	1.761	2.348	2.935	3.522	5.283
Allowable Belt Tension $F_{1alt}$ [N] Endless Welded	440	881	1.321	1.761	2.201	2.642	3.962
Allowable Effective Tension $F_{ealt}$ [N] Minimum 15 Teeth are in mesh	700	1.400	2.100	2.800	3.500	4.200	6.300
Specific Belt Weight $m_{sp}$ [kg/m/mm]	0,0020						
Specific Belt Stiffness $c_{sp}$ [N]	146.750	293.500	440.225	587.000	733.750	880.500	1.320.750

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