



SYNCHRO-POWER™

ENDLESS/OPEN-END POLYURETHANE SYNCHRONOUS BELT

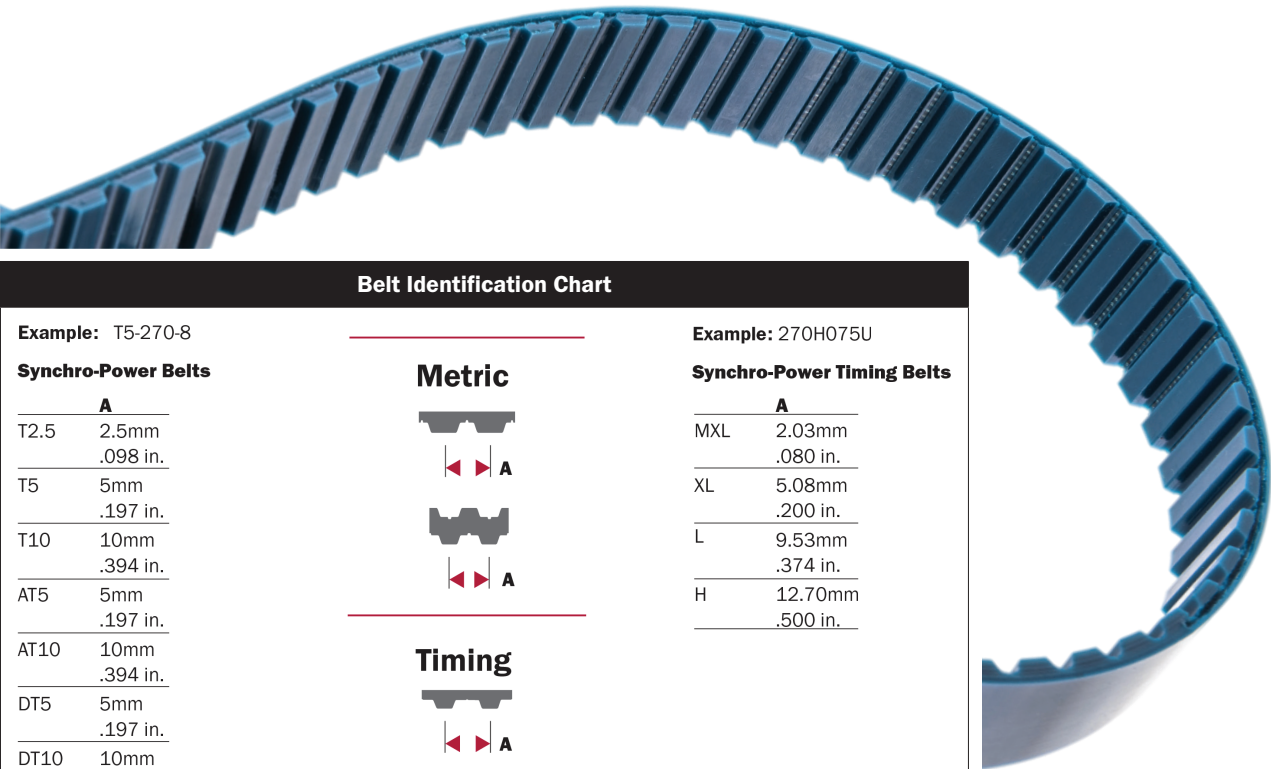
Gates Synchro-Power polyurethane belts are designed for long-lasting and energy efficient performance on both power transmission and linear applications. They are available in both endless and open-end versions in various sizes, constructions and tooth designs, handling a wide range of loads, speeds and applications.

CONSTRUCTION + SPECIFICATIONS

- Abrasion-resistant **polyurethane body** offers clean running systems without accumulation of debris.
- Synchro-Power **endless belts and sleeves for power transmission** are manufactured as truly endless synchronous belts with no joint. Pitch lengths available up to 2250 mm.
- Synchro-Power **open-end belts for linear drives** (rolls) are manufactured as open-end extruded belts. Roll lengths available up to 100 m.

FEATURES + BENEFITS

- Modifications include molded profiles, tensile cords, lamination with various backings, and FDA and USDA constructions.
- Exceptional rigidity, reduced tooth flexing and exceptional stability in the overall system.
- No lubrication required.
- Operating temperature range: -30°C/-22°F to +80°C/+176°F.



Belt Identification Chart

Example: T5-270-8

Synchro-Power Belts

	A
T2.5	2.5mm .098 in.
T5	5mm .197 in.
T10	10mm .394 in.
AT5	5mm .197 in.
AT10	10mm .394 in.
DT5	5mm .197 in.
DT10	10mm .394 in.

Metric



Timing



Example: 270H075U

Synchro-Power Timing Belts

	A
MXL	2.03mm .080 in.
XL	5.08mm .200 in.
L	9.53mm .374 in.
H	12.70mm .500 in.



Synchro-Power® Polyurethane Belts

Product No. Series 7762 (continued)

AT10 Pitch — 32mm Wide (continued)

Part No.	Product No.	Number of Teeth	Pitch Length (mm)	Weight (Lbs.)
AT10-890-32	7762-4110	89	890	.351
AT10-920-32	7762-4111	92	920	.363
AT10-960-32	7762-4112	96	960	.378
AT10-980-32	7762-4113	98	980	.386
AT10-1010-32	7762-4114	101	1010	.398
AT10-1050-32	7762-4115	105	1050	.414
AT10-1080-32	7762-4116	108	1080	.426
AT10-1150-32	7762-4117	115	1150	.453

Part No.	Product No.	Number of Teeth	Pitch Length (mm)	Weight (Lbs.)
AT10-1210-32	7762-4118	121	1210	.477
AT10-1250-32	7762-4119	125	1250	.493
AT10-1320-32	7762-4120	132	1320	.520
AT10-1400-32	7762-4121	140	1400	.552
AT10-1500-32	7762-4122	150	1500	.591
AT10-1600-32	7762-4123	160	1600	.631
AT10-1700-32	7762-4124	170	1700	.670
AT10-1800-32	7762-4233	180	1800	.710

AT10 Pitch — 50mm Wide

Part No.	Product No.	Number of Teeth	Pitch Length (mm)	Weight (Lbs.)
AT10-500-50	7762-4125	50	500	.308
AT10-560-50	7762-4126	56	560	.345
AT10-610-50	7762-4127	61	610	.376
AT10-660-50	7762-4128	66	660	.407
AT10-700-50	7762-4129	70	700	.431
AT10-730-50	7762-4130	73	730	.450
AT10-780-50	7762-4131	78	780	.480
AT10-800-50	7762-4132	80	800	.493
AT10-810-50	7762-4133	81	810	.499
AT10-840-50	7762-4134	84	840	.517
AT10-890-50	7762-4135	89	890	.548
AT10-920-50	7762-4136	92	920	.567
AT10-960-50	7762-4137	96	960	.591

Part No.	Product No.	Number of Teeth	Pitch Length (mm)	Weight (Lbs.)
AT10-980-50	7762-4138	98	980	.604
AT10-1010-50	7762-4139	101	1010	.622
AT10-1050-50	7762-4140	105	1050	.647
AT10-1080-50	7762-4141	108	1080	.665
AT10-1150-50	7762-4142	115	1150	.708
AT10-1210-50	7762-4143	121	1210	.745
AT10-1250-50	7762-4144	125	1250	.770
AT10-1320-50	7762-4145	132	1320	.813
AT10-1400-50	7762-4146	140	1400	.862
AT10-1500-50	7762-4147	150	1500	.924
AT10-1600-50	7762-4148	160	1600	.986
AT10-1700-50	7762-4149	170	1700	1.047
AT10-1800-50	7762-4235	180	1800	1.109

AT10 Pitch — 75mm Wide

Part No.	Product No.	Number of Teeth	Pitch Length (mm)	Weight (Lbs.)
AT10-500-75	7762-4150	50	500	.462
AT10-560-75	7762-4151	56	560	.517
AT10-610-75	7762-4152	61	610	.564
AT10-660-75	7762-4153	66	660	.610
AT10-700-75	7762-4154	70	700	.647
AT10-730-75	7762-4155	73	730	.675
AT10-780-75	7762-4156	78	780	.721
AT10-800-75	7762-4157	80	800	.739
AT10-810-75	7762-4158	81	810	.748
AT10-840-75	7762-4159	84	840	.776
AT10-890-75	7762-4160	89	890	.822
AT10-920-75	7762-4161	92	920	.850
AT10-960-75	7762-4162	96	960	.887

Part No.	Product No.	Number of Teeth	Pitch Length (mm)	Weight (Lbs.)
AT10-980-75	7762-4163	98	980	.906
AT10-1010-75	7762-4164	101	1010	.933
AT10-1050-75	7762-4165	105	1050	.970
AT10-1080-75	7762-4166	108	1080	.998
AT10-1150-75	7762-4167	115	1150	1.063
AT10-1210-75	7762-4168	121	1210	1.118
AT10-1250-75	7762-4169	125	1250	1.155
AT10-1320-75	7762-4170	132	1320	1.220
AT10-1400-75	7762-4171	140	1400	1.294
AT10-1500-75	7762-4172	150	1500	1.386
AT10-1600-75	7762-4173	160	1600	1.478
AT10-1700-75	7762-4174	170	1700	1.571
AT10-1800-75	7762-4237	180	1800	1.663

AT10 Pitch — 100mm Wide

Part No.	Product No.	Number of Teeth	Pitch Length (mm)	Weight (Lbs.)
AT10-500-100	7762-4175	50	500	.616
AT10-560-100	7762-4176	56	560	.690
AT10-610-100	7762-4177	61	610	.752
AT10-660-100	7762-4178	66	660	.813
AT10-700-100	7762-4179	70	700	.862
AT10-730-100	7762-4180	73	730	.899
AT10-780-100	7762-4181	78	780	.961
AT10-800-100	7762-4182	80	800	.986
AT10-810-100	7762-4183	81	810	.998
AT10-840-100	7762-4184	84	840	1.035

Part No.	Product No.	Number of Teeth	Pitch Length (mm)	Weight (Lbs.)
AT10-890-100	7762-4185	89	890	1.096
AT10-920-100	7762-4186	92	920	1.133
AT10-960-100	7762-4187	96	960	1.183
AT10-980-100	7762-4188	98	980	1.207
AT10-1010-100	7762-4189	101	1010	1.244
AT10-1050-100	7762-4190	105	1050	1.294
AT10-1080-100	7762-4191	108	1080	1.331
AT10-1150-100	7762-4192	115	1150	1.417
AT10-1210-100	7762-4193	121	1210	1.491
AT10-1250-100	7762-4194	125	1250	1.540