



SYNCHRO-POWER™

ENDLESS/OPEN-END POLYURETHANE SYNCHRONOUS BELT

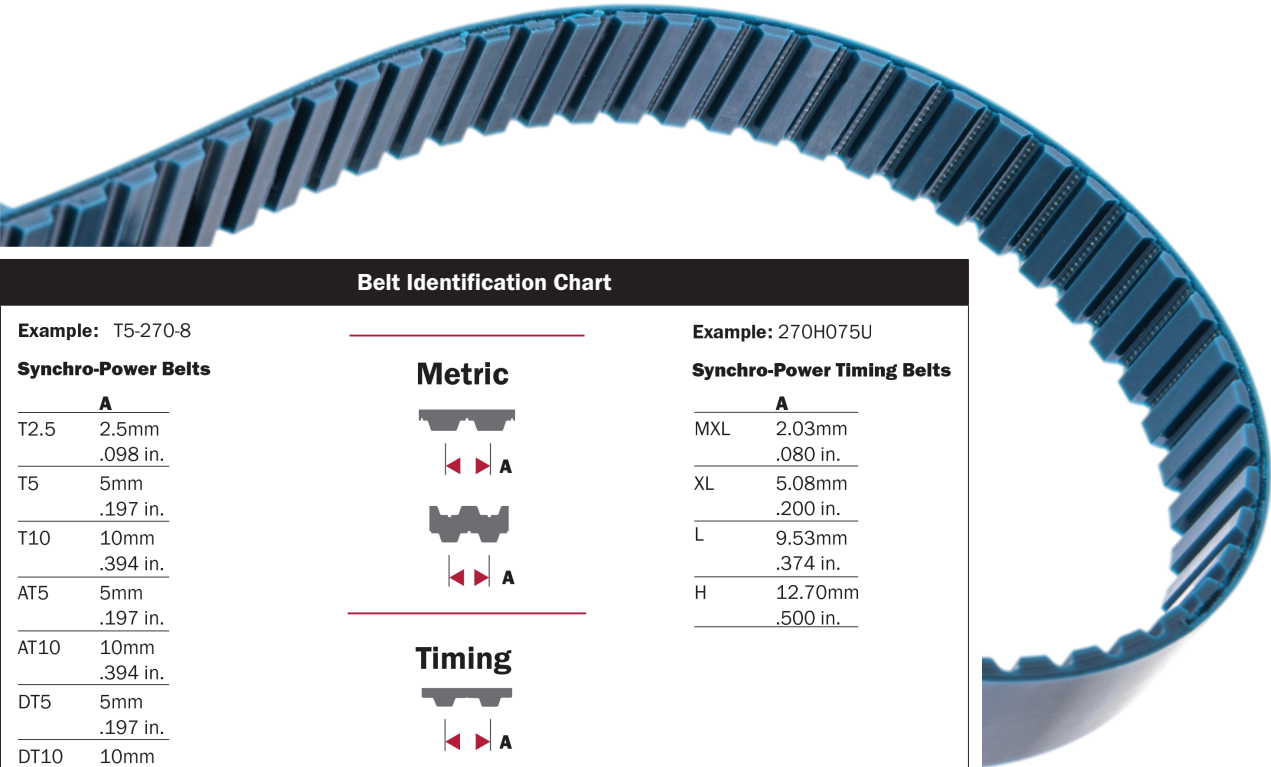
Gates Synchro-Power polyurethane belts are designed for long-lasting and energy efficient performance on both power transmission and linear applications. They are available in both endless and open-end versions in various sizes, constructions and tooth designs, handling a wide range of loads, speeds 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 — 16mm Wide

Part No.	Product No.	Number of Teeth	Pitch Length (mm)	Weight (Lbs.)	Part No.	Product No.	Number of Teeth	Pitch Length (mm)	Weight (Lbs.)
AT10-500-16	7762-4025	50	500	.099	AT10-980-16	7762-4038	98	980	.193
AT10-560-16	7762-4026	56	560	.110	AT10-1010-16	7762-4039	101	1010	.199
AT10-610-16	7762-4027	61	610	.120	AT10-1050-16	7762-4040	105	1050	.207
AT10-660-16	7762-4028	66	660	.130	AT10-1080-16	7762-4041	108	1080	.213
AT10-700-16	7762-4029	70	700	.138	AT10-1150-16	7762-4042	115	1150	.227
AT10-730-16	7762-4030	73	730	.144	AT10-1210-16	7762-4043	121	1210	.239
AT10-780-16	7762-4031	78	780	.154	AT10-1250-16	7762-4044	125	1250	.246
AT10-800-16	7762-4032	80	800	.158	AT10-1320-16	7762-4045	132	1320	.260
AT10-810-16	7762-4033	81	810	.160	AT10-1400-16	7762-4046	140	1400	.276
AT10-840-16	7762-4034	84	840	.166	AT10-1500-16	7762-4047	150	1500	.296
AT10-890-16	7762-4035	89	890	.175	AT10-1600-16	7762-4048	160	1600	.315
AT10-920-16	7762-4036	92	920	.181	AT10-1700-16	7762-4049	170	1700	.335
AT10-960-16	7762-4037	96	960	.189	AT10-1800-16	7762-4228	180	1800	.355

AT10 Pitch — 20mm Wide

Part No.	Product No.	Number of Teeth	Pitch Length (mm)	Weight (Lbs.)	Part No.	Product No.	Number of Teeth	Pitch Length (mm)	Weight (Lbs.)
AT10-500-20	7762-4050	50	500	.123	AT10-980-20	7762-4063	98	980	.241
AT10-560-20	7762-4051	56	560	.138	AT10-1010-20	7762-4064	101	1010	.249
AT10-610-20	7762-4052	61	610	.150	AT10-1050-20	7762-4065	105	1050	.259
AT10-660-20	7762-4053	66	660	.163	AT10-1080-20	7762-4066	108	1080	.266
AT10-700-20	7762-4054	70	700	.172	AT10-1150-20	7762-4067	115	1150	.283
AT10-730-20	7762-4055	73	730	.180	AT10-1210-20	7762-4068	121	1210	.298
AT10-780-20	7762-4056	78	780	.192	AT10-1250-20	7762-4069	125	1250	.308
AT10-800-20	7762-4057	80	800	.197	AT10-1320-20	7762-4070	132	1320	.325
AT10-810-20	7762-4058	81	810	.200	AT10-1400-20	7762-4071	140	1400	.345
AT10-840-20	7762-4059	84	840	.207	AT10-1500-20	7762-4072	150	1500	.370
AT10-890-20	7762-4060	89	890	.219	AT10-1600-20	7762-4073	160	1600	.394
AT10-920-20	7762-4061	92	920	.227	AT10-1700-20	7762-4074	170	1700	.419
AT10-960-20	7762-4062	96	960	.237	AT10-1800-20	7762-4230	180	1800	.444

AT10 Pitch — 25mm Wide

Part No.	Product No.	Number of Teeth	Pitch Length (mm)	Weight (Lbs.)	Part No.	Product No.	Number of Teeth	Pitch Length (mm)	Weight (Lbs.)
AT10-500-25	7762-4075	50	500	.154	AT10-980-25	7762-4088	98	980	.302
AT10-560-25	7762-4076	56	560	.172	AT10-1010-25	7762-4089	101	1010	.311
AT10-610-25	7762-4077	61	610	.188	AT10-1050-25	7762-4090	105	1050	.323
AT10-660-25	7762-4078	66	660	.203	AT10-1080-25	7762-4091	108	1080	.333
AT10-700-25	7762-4079	70	700	.216	AT10-1150-25	7762-4092	115	1150	.354
AT10-730-25	7762-4080	73	730	.225	AT10-1210-25	7762-4093	121	1210	.373
AT10-780-25	7762-4081	78	780	.240	AT10-1250-25	7762-4094	125	1250	.385
AT10-800-25	7762-4082	80	800	.246	AT10-1320-25	7762-4095	132	1320	.407
AT10-810-25	7762-4083	81	810	.249	AT10-1400-25	7762-4096	140	1400	.431
AT10-840-25	7762-4084	84	840	.259	AT10-1500-25	7762-4097	150	1500	.462
AT10-890-25	7762-4085	89	890	.274	AT10-1600-25	7762-4098	160	1600	.493
AT10-920-25	7762-4086	92	920	.283	AT10-1700-25	7762-4099	170	1700	.524
AT10-960-25	7762-4087	96	960	.296	AT10-1800-25	7762-4242	180	1800	.554

AT10 Pitch — 32mm Wide

Part No.	Product No.	Number of Teeth	Pitch Length (mm)	Weight (Lbs.)	Part No.	Product No.	Number of Teeth	Pitch Length (mm)	Weight (Lbs.)
AT10-500-32	7762-4100	50	500	.197	AT10-730-32	7762-4105	73	730	.288
AT10-560-32	7762-4101	56	560	.221	AT10-780-32	7762-4106	78	780	.308
AT10-610-32	7762-4102	61	610	.240	AT10-800-32	7762-4107	80	800	.315
AT10-660-32	7762-4103	66	660	.260	AT10-810-32	7762-4108	81	810	.319
AT10-700-32	7762-4104	70	700	.276	AT10-840-32	7762-4109	84	840	.331