



SYNCHRO-POWER™

ENDLESS/OPEN-END POLYURETHANE SYNCHRONOUS BELT

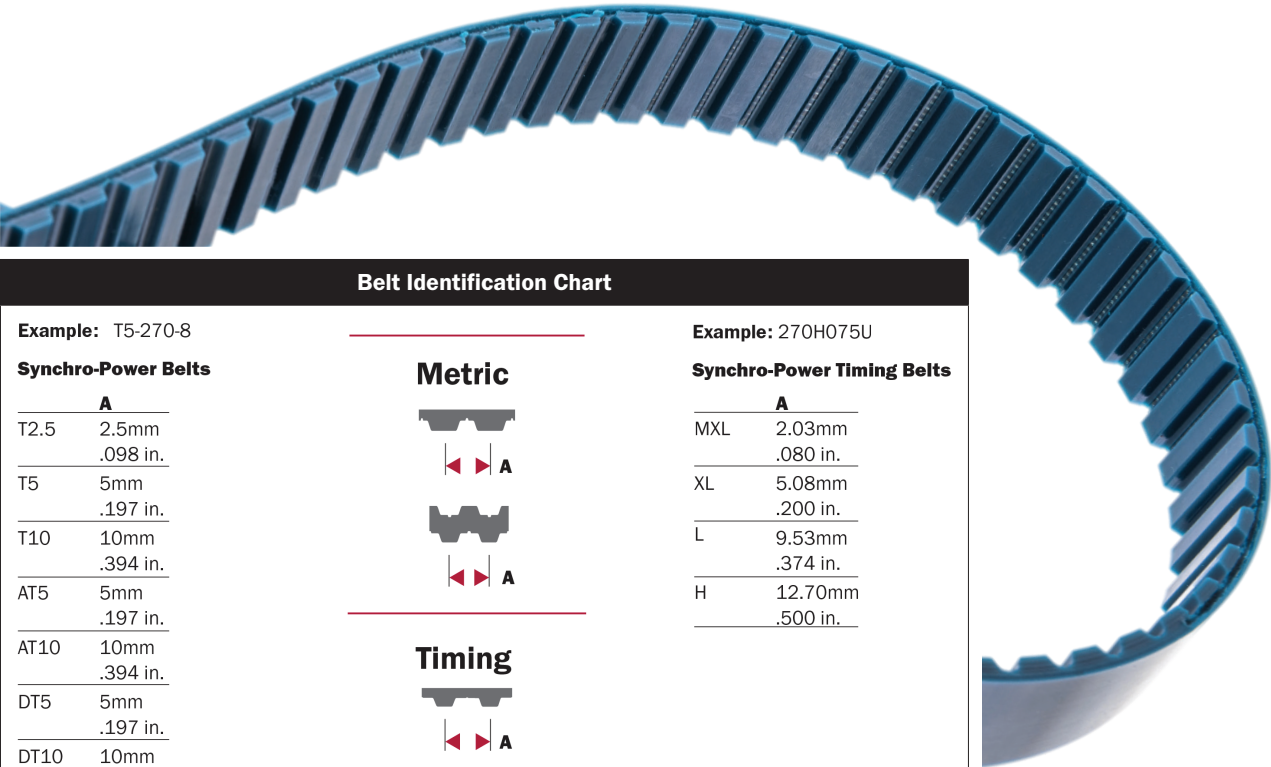
Gates Synchro-Power polyurethane belts are designed for long-lasting and energy efficient performance on both power transmission and linear applications. They are available in both endless and open-end versions in various sizes, constructions and tooth designs, handling a wide range of loads, speeds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

AT5 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.)
AT5-255-20	7762-3145	51	255	.036	AT5-610-20	7762-3157	122	610	.086
AT5-275-20	7762-3146	55	275	.039	AT5-630-20	7762-3158	126	630	.089
AT5-280-20	7762-3147	56	280	.039	AT5-660-20	7762-3159	132	660	.093
AT5-300-20	7762-3148	60	300	.042	AT5-720-20	7762-3160	144	720	.101
AT5-340-20	7762-3149	68	340	.048	AT5-750-20	7762-3161	150	750	.106
AT5-375-20	7762-3150	75	375	.053	AT5-780-20	7762-3162	156	780	.110
AT5-390-20	7762-3151	78	390	.055	AT5-825-20	7762-3163	165	825	.116
AT5-420-20	7762-3152	84	420	.059	AT5-975-20	7762-3164	195	975	.137
AT5-455-20	7762-3153	91	455	.064	AT5-1050-20	7762-3165	210	1050	.148
AT5-500-20	7762-3154	100	500	.070	AT5-1125-20	7762-3166	225	1125	.158
AT5-545-20	7762-3155	109	545	.077	AT5-1500-20	7762-3317	300	1500	.211
AT5-600-20	7762-3156	120	600	.084					

AT5 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.)
AT5-255-25	7762-3169	51	255	.045	AT5-610-25	7762-3181	122	610	.107
AT5-275-25	7762-3170	55	275	.048	AT5-630-25	7762-3182	126	630	.111
AT5-280-25	7762-3171	56	280	.049	AT5-660-25	7762-3183	132	660	.116
AT5-300-25	7762-3172	60	300	.053	AT5-720-25	7762-3184	144	720	.127
AT5-340-25	7762-3173	68	340	.060	AT5-750-25	7762-3185	150	750	.132
AT5-375-25	7762-3174	75	375	.066	AT5-780-25	7762-3186	156	780	.137
AT5-390-25	7762-3175	78	390	.069	AT5-825-25	7762-3187	165	825	.145
AT5-420-25	7762-3176	84	420	.074	AT5-975-25	7762-3188	195	975	.172
AT5-455-25	7762-3177	91	455	.080	AT5-1050-25	7762-3189	210	1050	.185
AT5-500-25	7762-3178	100	500	.088	AT5-1125-25	7762-3190	225	1125	.198
AT5-545-25	7762-3179	109	545	.096	AT5-1500-25	7762-3318	300	1500	.264
AT5-600-25	7762-3180	120	600	.106					

AT5 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.)
AT5-255-32	7762-3193	51	255	.057	AT5-610-32	7762-3205	122	610	.137
AT5-275-32	7762-3194	55	275	.062	AT5-630-32	7762-3206	126	630	.142
AT5-280-32	7762-3195	56	280	.063	AT5-660-32	7762-3207	132	660	.149
AT5-300-32	7762-3196	60	300	.068	AT5-720-32	7762-3208	144	720	.162
AT5-340-32	7762-3197	68	340	.077	AT5-750-32	7762-3209	150	750	.169
AT5-375-32	7762-3198	75	375	.084	AT5-780-32	7762-3210	156	780	.176
AT5-390-32	7762-3199	78	390	.088	AT5-825-32	7762-3211	165	825	.186
AT5-420-32	7762-3200	84	420	.095	AT5-975-32	7762-3212	195	975	.220
AT5-455-32	7762-3201	91	455	.103	AT5-1050-32	7762-3213	210	1050	.237
AT5-500-32	7762-3202	100	500	.113	AT5-1125-32	7762-3214	225	1125	.253
AT5-545-32	7762-3203	109	545	.123	AT5-1500-32	7762-3319	300	1500	.338
AT5-600-32	7762-3204	120	600	.135					

AT5 Pitch — 50mm 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.)
AT5-255-50	7762-3217	51	255	.090	AT5-455-50	7762-3225	91	455	.160
AT5-275-50	7762-3218	55	275	.097	AT5-500-50	7762-3226	100	500	.176
AT5-280-50	7762-3219	56	280	.099	AT5-545-50	7762-3227	109	545	.192
AT5-300-50	7762-3220	60	300	.106	AT5-600-50	7762-3228	120	600	.211
AT5-340-50	7762-3221	68	340	.120	AT5-610-50	7762-3229	122	610	.215
AT5-375-50	7762-3222	75	375	.132	AT5-630-50	7762-3230	126	630	.222
AT5-390-50	7762-3223	78	390	.137	AT5-660-50	7762-3231	132	660	.232
AT5-420-50	7762-3224	84	420	.148	AT5-720-50	7762-3232	144	720	.253