



SYNCHRO-POWER™

ENDLESS/OPEN-END POLYURETHANE SYNCHRONOUS BELT

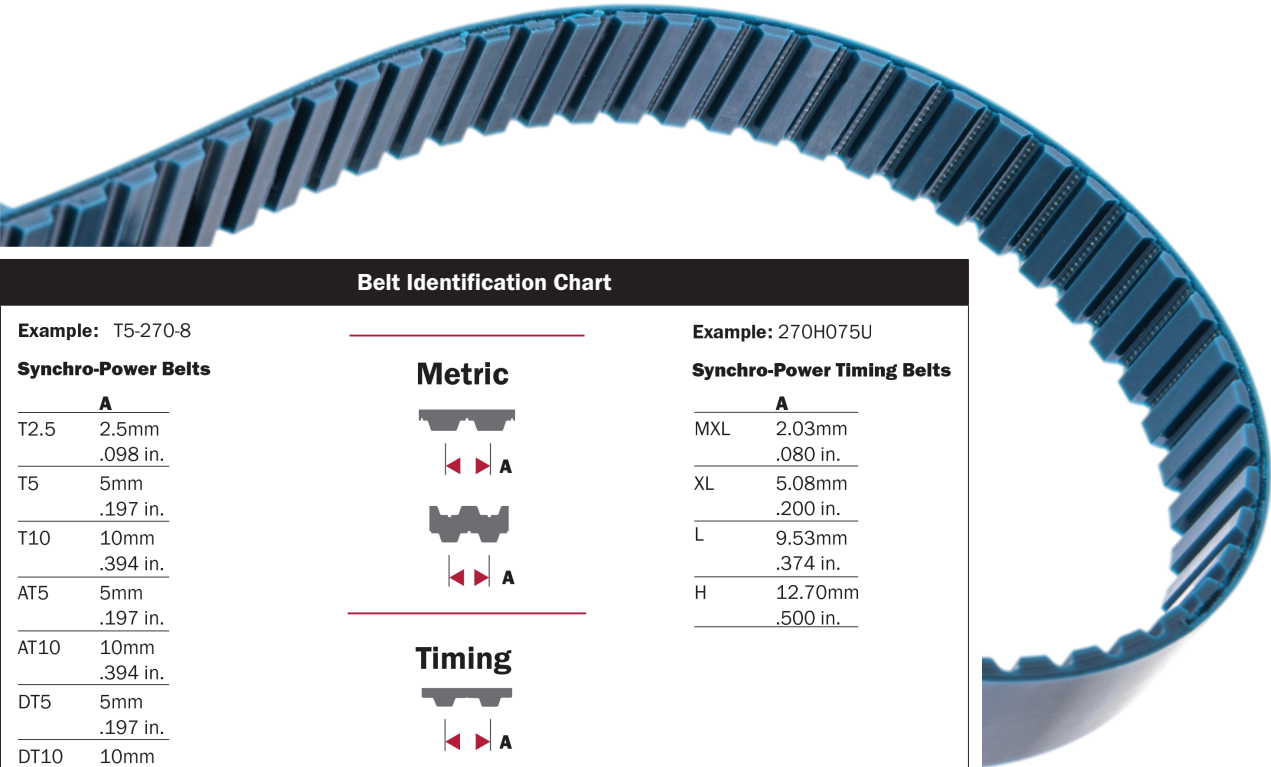
Gates Synchro-Power polyurethane belts are designed for long-lasting and energy efficient performance on both power transmission and linear applications. They are available in both endless and open-end versions in various sizes, constructions and tooth designs, handling a wide range of loads, speeds 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 — 8mm Wide (continued)

Part No.	Product No.	Number of Teeth	Pitch Length (mm)	Weight (Lbs.)
AT5-825-8	7762-3067	165	825	.046
AT5-975-8	7762-3068	195	975	.055
AT5-1050-8	7762-3069	210	1050	.059

Part No.	Product No.	Number of Teeth	Pitch Length (mm)	Weight (Lbs.)
AT5-1125-8	7762-3070	225	1125	.063
AT5-1500-8	7762-3313	300	1500	.084

AT5 Pitch — 10mm Wide

Part No.	Product No.	Number of Teeth	Pitch Length (mm)	Weight (Lbs.)
AT5-255-10	7762-3073	51	255	.018
AT5-275-10	7762-3074	55	275	.019
AT5-280-10	7762-3075	56	280	.020
AT5-300-10	7762-3076	60	300	.021
AT5-340-10	7762-3077	68	340	.024
AT5-375-10	7762-3078	75	375	.026
AT5-390-10	7762-3079	78	390	.027
AT5-420-10	7762-3080	84	420	.030
AT5-455-10	7762-3081	91	455	.032
AT5-500-10	7762-3082	100	500	.035
AT5-545-10	7762-3083	109	545	.038
AT5-600-10	7762-3084	120	600	.042

Part No.	Product No.	Number of Teeth	Pitch Length (mm)	Weight (Lbs.)
AT5-610-10	7762-3085	122	610	.043
AT5-630-10	7762-3086	126	630	.044
AT5-660-10	7762-3087	132	660	.046
AT5-720-10	7762-3088	144	720	.051
AT5-750-10	7762-3089	150	750	.053
AT5-780-10	7762-3090	156	780	.055
AT5-825-10	7762-3091	165	825	.058
AT5-975-10	7762-3092	195	975	.069
AT5-1050-10	7762-3093	210	1050	.074
AT5-1125-10	7762-3094	225	1125	.079
AT5-1500-10	7762-3314	300	1500	.106

AT5 Pitch — 12mm Wide

Part No.	Product No.	Number of Teeth	Pitch Length (mm)	Weight (Lbs.)
AT5-255-12	7762-3097	51	255	.022
AT5-275-12	7762-3098	55	275	.023
AT5-280-12	7762-3099	56	280	.024
AT5-300-12	7762-3100	60	300	.025
AT5-340-12	7762-3101	68	340	.029
AT5-375-12	7762-3102	75	375	.032
AT5-390-12	7762-3103	78	390	.033
AT5-420-12	7762-3104	84	420	.035
AT5-455-12	7762-3105	91	455	.038
AT5-500-12	7762-3106	100	500	.042
AT5-545-12	7762-3107	109	545	.046
AT5-600-12	7762-3108	120	600	.051

Part No.	Product No.	Number of Teeth	Pitch Length (mm)	Weight (Lbs.)
AT5-610-12	7762-3109	122	610	.052
AT5-630-12	7762-3110	126	630	.053
AT5-660-12	7762-3111	132	660	.056
AT5-720-12	7762-3112	144	720	.061
AT5-750-12	7762-3113	150	750	.063
AT5-780-12	7762-3114	156	780	.066
AT5-825-12	7762-3115	165	825	.070
AT5-975-12	7762-3116	195	975	.082
AT5-1050-12	7762-3117	210	1050	.089
AT5-1125-12	7762-3118	225	1125	.095
AT5-1500-12	7762-3315	300	1500	.127

AT5 Pitch — 16mm Wide

Part No.	Product No.	Number of Teeth	Pitch Length (mm)	Weight (Lbs.)
AT5-255-16	7762-3121	51	255	.029
AT5-275-16	7762-3122	55	275	.031
AT5-280-16	7762-3123	56	280	.032
AT5-300-16	7762-3124	60	300	.034
AT5-340-16	7762-3125	68	340	.038
AT5-375-16	7762-3126	75	375	.042
AT5-390-16	7762-3127	78	390	.044
AT5-420-16	7762-3128	84	420	.047
AT5-455-16	7762-3129	91	455	.051
AT5-500-16	7762-3130	100	500	.056
AT5-545-16	7762-3131	109	545	.061
AT5-600-16	7762-3132	120	600	.068

Part No.	Product No.	Number of Teeth	Pitch Length (mm)	Weight (Lbs.)
AT5-610-16	7762-3133	122	610	.069
AT5-630-16	7762-3134	126	630	.071
AT5-660-16	7762-3135	132	660	.074
AT5-720-16	7762-3136	144	720	.081
AT5-750-16	7762-3137	150	750	.084
AT5-780-16	7762-3138	156	780	.088
AT5-825-16	7762-3139	165	825	.093
AT5-975-16	7762-3140	195	975	.110
AT5-1050-16	7762-3141	210	1050	.118
AT5-1125-16	7762-3142	225	1125	.127
AT5-1500-16	7762-3316	300	1500	.169