



Falcon Pd®



Key features & benefits...

- › Increased horsepower rating up to 36%
- › Increased continuous operating temperature up to 2100F (98.90C)
- › Size for size convenience (example: 8GTR-640-21=Gates 8MGT®-640-21*)
- › Static conductive**
- › Reduced operating noise levels to comparable belt drives
- › Exceptional tensile strength for premium performance
- › Rubber construction provides better resistance to flex fatigue
- › Versatility in a wide range of operating temperatures

Falcon Pd® is quickly setting the new standard in synchronous drive system belting. When compared to conventional polyurethane synchronous belts, the benefits of Falcon Pd® become evident.

Lower maintenance costs...

Falcon Pd® synchronous belts do not require lubrication often found in chain drive applications. High-modulus cord members minimize the need for retensioning normally required in standard V-belts, reducing your overall maintenance cost.

Applications

Any application where a chain drive could be used.

Can also be used with a backside idler when needed, allowing for additional applications.

Suitable for high horsepower, low torque drives.

8MM PITCH FALCON Pd® BELTS

BELT NO	PITCH LENGTH	NUMBER OF TEETH	APPROX WT. LBS. BY WIDTH			
			12	21	36	62
8GTR-640	640	80	0.08	0.14	0.25	0.42
8GTR-720	720	90	0.09	0.16	0.28	0.48
8GTR-800	800	100	0.10	0.18	0.31	0.53
8GTR-896	896	112	0.11	0.20	0.34	0.59
8GTR-1000	1000	125	0.13	0.22	0.38	0.66
8GTR-1120	1120	140	0.14	0.25	0.43	0.74
8GTR-1200	1200	150	0.15	0.27	0.46	0.80
8GTR-1280	1260	160	0.16	0.29	0.49	0.85
8GTR-1440	1440	180	0.18	0.32	0.55	0.95
8GTR-1600	1600	200	0.20	0.36	0.61	1.06
8GTR-1792	1792	224	0.23	0.40	0.69	1.19
8GTR-2000	2000	250	0.26	0.45	0.77	1.33
8GTR-2240	2240	280	0.29	0.50	0.86	1.48
8GTR-2400	2400	300	0.31	0.54	0.92	1.59
8GTR-2520	2520	315	0.32	0.56	0.97	1.67
8GTR-2840	2840	355	0.36	0.63	1.09	1.88
8GTR-3200	3200	400	0.41	0.71	1.23	2.12
8GTR-3600	3600	450	0.46	0.80	1.38	2.39
8GTR-4000	4000	500	0.51	0.89	1.54	2.65
8GTR-4480	4480	560	0.57	1.00	1.72	2.97

14MM PITCH FALCON Pd® BELTS

BELT NO	PITCH LENGTH	NUMBER OF TEETH	APPROX WT. LBS. BY WIDTH				
			20	37	68	90	125
14GTR-994	994	71	0.35	0.64	1.18	1.56	2.17
14GTR-1120	1120	80	0.39	0.72	1.33	1.76	2.45
14GTR-1190	1190	85	0.42	0.77	1.41	1.87	2.60
14GTR-1260	1260	90	0.44	0.82	1.49	1.98	2.75
14GTR-1400	1400	100	0.49	0.90	1.66	2.20	3.06
14GTR-1568	1568	112	0.55	1.01	1.86	2.46	3.43
14GTR-1750	1750	125	0.61	1.13	2.08	2.75	3.82
14GTR-1890	1890	135	0.66	1.22	2.24	2.97	4.13
14GTR-1960	1960	140	0.69	1.27	2.33	3.08	4.28
14GTR-2100	2100	150	0.74	1.36	2.50	3.30	4.59
14GTR-2240	2240	160	0.79	1.45	2.66	3.52	4.89
14GTR-2380	2380	170	0.84	1.54	2.83	3.74	5.20
14GTR-2520	2520	180	0.88	1.63	2.99	3.96	5.51
14GTR-2660	2660	190	0.93	1.72	3.16	4.18	5.81
14GTR-2800	2800	200	0.98	1.81	3.33	4.40	6.12
14GTR-3136	3136	224	1.10	2.03	3.72	4.93	6.85
14GTR-3304	3304	236	1.16	2.14	3.92	5.19	7.22
14GTR-3500	3500	250	1.23	2.26	4.16	5.50	7.65
14GTR-3920	3920	280	1.38	2.53	4.66	6.16	8.57
14GTR-4410	4410	315	1.55	2.85	5.24	6.93	9.64

* Poly Chain and GT are registered trademarks of the Gates Corporation

Cross Reference Info

Gates Poly Chain® GT 2:

14MGT-1260-20

Falcon Pd:

14GTR-1260-20

Part Number Explanation:

14GTR 14mm Pitch
1260 1260mm Pitch Length
20 20mm Wide