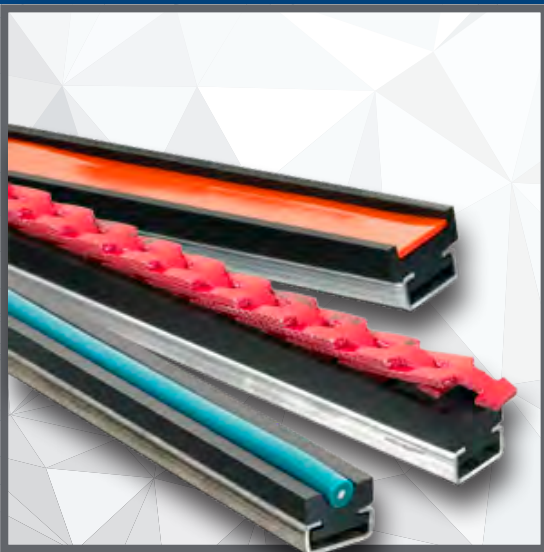




**POWER TRANSMISSION &
CONVEYOR BELTING**



POWERTWIST® EAGLE®

Trackstar® *SUPERTLINK*® *NU TLINK*®

CONVEYING SOLUTIONS



POWERTWIST MOVE® Conveyor Link Belting

- Install in minutes without dismantling conveyor components – no welding required
- Unaffected by extremes of temperature, water, oils, grease and common chemicals
- Whether your application requires reduced contact surface, high grip, abrasion resistance, non-marking, high temperature, oil, and chemical resistance, there's a Fenner Drives link belt to meet your need



Eagle® Polyurethane Belting

- Comprehensive range of high quality non-reinforced and reinforced belting in round and V profiles; also available with special top surfaces
- Over 400 FDA compliant products
- Custom design capabilities: special profiles, dual durometer, static dissipative, UV stabilized, tracking features, ridged profiles



Trackstar® UHMW Belt & Chain Guides

- Fight friction and reduce costs with long-wearing UHMW belt and chain guides
- Wide range of standard profiles for use in guiding belts, chain and cables
- Available from stock with same-day shipping
- Two-piece guide and channel design simplifies installation and replacement

POWER TRANSMISSION SOLUTIONS



POWERTWIST DRIVE®, SuperTLink®, and NuTLink® V-Belting

- Provide time and cost saving benefits to maintenance engineers and equipment designers
- Longer belt life in even the harshest environments
- Easier, faster installation without tear-downs or struggling with motor bases
- Install on captive drives and fixed center drives
- Make matching sets
- Better drive efficiency due to minimal belt elongation
- Reduced noise, longer bearing life due to low belt vibration



Count on Fenner Drives®. We've got the right product for your application.

With over 100 years of manufacturing, technical and commercial expertise, Fenner Drives is a global leader in value-adding, problem-solving products for conveying and power transmission applications. Recognized widely for our expertise and innovation, we blend reliability, quality and value in our products while providing unsurpassed technical support and service.

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Product	Color	Compliancy	Material	Temperature Range	
				°F	°C
POWERTWIST DRIVE	Red (classical)	RoHS, Reach	Composite Polyester/Polyurethane	-40 to +240	-40 to +116
POWERTWIST DRIVE	Blue (wedge)	RoHS, Reach	Composite Polyester/Polyurethane	-40 to +240	-40 to +116
POWERTWIST Ground Round®	Red	RoHS, Reach	Composite Polyester/Polyurethane	-40 to +240	-40 to +116
POWERTWIST Antistatic™ *	Blue	RoHS	Composite Polyester/Polyurethane	-40 to +240	-40 to +116

* ISO 1813:1998 inspected and certified by Fenner Drives.



Product	Color	Compliancy	Material	Temperature Range	
				°F	°C
SuperTLink®	Blue	RoHS	Composite Polyester/Polyurethane Steel Rivets	-40 to +240	-40 to +116

* ISO 1813:1998 inspected and certified by Fenner Drives.



Product	Color	Compliancy	Material	Temperature Range	
				°F	°C
NuTLink®	Orange	RoHS	Composite Polyester/Polyurethane Steel Rivets	-40 to +240	-40 to +116

* ISO 1813:1998 inspected and certified by Fenner Drives.



POWERWIST DRIVE® Link Belting

Classical Cross Section

	Classical Cross Section	Nominal Width		Part Numbers						Minimum Pulley Ø		Ride Height Above Rim				
		inches	mm	5' Sleeve	6' Sleeve	2m Sleeve	25'	100'	10m	30m	inches	mm	Min(in.)	Max(in.)	Min(mm)	Max(mm)
POWERWIST DRIVE	3L	3/8		0418010SL			0405010	0408010			2.00		0.12	0.17	3.0	4.2
POWERWIST DRIVE	Z/10		10				04100202			0410020	0418023	45	0.14	0.20	3.6	5.2
POWERWIST DRIVE	A/4L/13	1/2	13	0418030SL		04090502M	0405030	0408030	0410030	0418033	3.00	80	0.08	0.16	2.1	4.0
POWERWIST DRIVE	B/5L/17	5/8	17		0418050SL	04090302M	0405050	0408050	0410050	0418053	5.00	125	0.14	0.22	3.4	5.6
POWERWIST DRIVE	C/22	7/8	22				0405070	0408070	0410070	0418073	9.00	229	0.07	0.22	1.8	5.6

POWERWIST DRIVE® Wedge Link Belting

Wedge

Wedge Cross Section

POWERWIST DRIVE LINK BELTING	Wedge Cross Section	Nominal Width		Part Numbers				Minimum Pulley Ø		Ride Height Above Rim			
		inches	mm	5m	25'	100'	20m	inches	mm	Min(in.)	Max(in.)	Min(mm)	Max(mm)
POWERWIST DRIVE	3V	3/8	10		0460025	0460000		2.65		0.18	0.30	4.5	7.5
POWERWIST DRIVE	5V	5/8	17		0460125	0460100		5.5		0.20	0.44	5.0	11.0
POWERWIST DRIVE	SPZ		10	0460616			0460666		67	0.18	0.30	4.5	7.5
POWERWIST DRIVE	SPA		13	0460716			0460766		90	0.16	0.41	4.1	10.3
POWERWIST DRIVE	SPB		17	0460816			0460866		140	0.20	0.44	5.0	11.0

POWERWIST® Specialty Link Belting

Double-V Round

Cross Section

POWERWIST SPECIALTY LINK BELTING	Cross Section	Nominal Width		Part Numbers				Minimum Pulley Ø	
		inches	mm	25'	100'	10m	30m	inches	mm
POWERWIST Antistatic™	A/4L/13	1/2	13	0408505	0408501	040850010	0408500	3.00	80
POWERWIST Antistatic	B/5L/17	5/8	17	0408605	0408601	040860010	0408600	5.00	125
POWERWIST Double-V™	AA	1/2	13	0405230	0408230		0419230	3.00	80
POWERWIST Double-V	BB	5/8	17	0405250	0408250		0419250	5.00	125
POWERWIST Double-V	CC	7/8	22	0405270	0408270		0418270	9.00	229
POWERWIST Ground Round®	5/16"	5/16"	8	04051050	04081050		04191050	2.00	51
POWERWIST Ground Round	3/8"	3/8"	10	04051060	04081060		0419110	3.00	76
POWERWIST Ground Round	1/2"	1/2"	13	04051040	04081040		0419120	3.00	76
POWERWIST Ground Round	9/16"	9/16"	14	04051070	04081070		04151070	5.50	140
POWERWIST Ground Round	3/4"	3/4"	19		04081080		0415110	8.50	216



Force Deflection Gauge

Part Number	Max Belt Deflection (in)	Max Belt Deflection (cm)	Pounds	Kilograms
5700253	0 - 3 in	0 - 7.5 cm	0 - 35 lbs	0 - 16 kg



Product	Color	Compliance	Material	Temperature Range	
				°F	°C
POWERTWIST MOVE® Belting	Purple	RoHS	Composite Polyester/Polyurethane	-40 to +240	-40 to +116
POWERTWIST MOVE SuperGrip Top PU	Purple, Orange Top	RoHS	Composite Polyester/Polyurethane Polyurethane grip top surface	-22 to +150	-30 to +66
POWERTWIST MOVE SuperGrip Top PVC	Purple, Green Top	RoHS	Composite Polyester/Polyurethane PVC grip top surface	-22 to +150	-30 to +66
POWERTWIST MOVE Friction Top®	Purple	RoHS	Composite Polyester/Polyurethane	-22 to +150	-30 to +66
POWERTWIST MOVE Bridge Top™	Purple, White Inserts	RoHS	Composite Polyester/Polyurethane PTFE inserts	-40 to +450*	-40 to +232*
POWERTWIST MOVE RCS	Purple, White Tabs	RoHS	Composite Polyester/Polyurethane Polyurethane tabs	-22 to +150	-30 to +66
POWERTWIST Roller Drive™	Red	RoHS	Composite Polyester/Polyurethane	-22 to +150	-30 to +66
POWERTWIST Antistatic†	Blue	RoHS	Composite Polyester/Polyurethane	-40 to +240	-40 to +116

* Contact temperature

† ISO 1813:1998 inspected and certified by Fenner Drives.



Our Trackstar Guides are produced using only the highest quality virgin black UHMW-PE material to ensure minimum friction and maximum wear resistance.

	ASTM Test	UHMW-PE
Density (gm/cm3)	D792	.930 – .936
Tensile Strength at yield (psi at 73° F)	D638	3100
Elongation at break (% at 73° F)	D638	350
Relative volumetric abrasion loss*	N/A	100
Coefficient of friction on steel 73° F Static	N/A	.15 – .20
Coefficient of friction on steel 73° F Dynamic	N/A	.10 – .20
Hardness 73° F (Shore D)	D785	62 – 66
Coefficient of linear thermal expansion (in/in/° F)	D696	1.1 x 10 ⁻⁴
Continuous Service Temp in air (max) (°F)	D696	180
Volume Resistivity (Ohm/cm)	D257	>10 ¹⁵

* Industry standard testing method using slurry of 60% aluminum oxide and 40% water at a rotation speed of 1750 rpm for two hours. A lower number indicates better abrasion resistance.

Round Link Belting

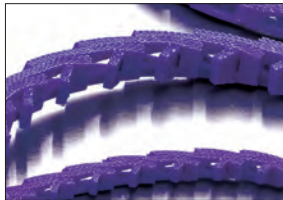


Round

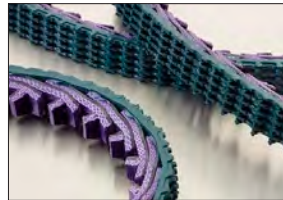
LINK BELTING	Part Number		Cross Section		Minimum Pulley Ø		Max Product Weight w/Idlers		Max Product Weight w/UHMW	
	25'	10m	inches	mm	(in)	(mm)	(lbs)	(kg)	(lbs)	(kg)
POWERWIST MOVE® Belting	0470125	0470133	5/16"	8mm	2.0	51	74	33	25	11
POWERWIST MOVE Belting	0470225	0470233	3/8"	10mm	3.0	76	190	86	65	30
POWERWIST MOVE Belting	0470325	0470333	1/2"	13mm	3.0	76	255	116	85	39
POWERWIST MOVE Belting	0470425	0470433	9/16"	14mm	5.5	140	450	204	155	70
POWERWIST MOVE Belting	0470525	0470533	3/4"	19mm	8.5	216	360	163	120	54



POWERWIST MOVE Round



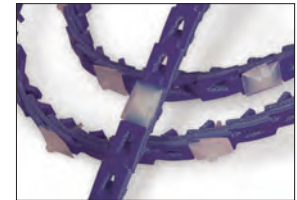
POWERWIST MOVE V-Belt



POWERWIST MOVE SGT



POWERWIST MOVE Friction Top



POWERWIST MOVE RCS



POWERWIST Roller Drive



POWERWIST MOVE Bridge Top

Link V Belting



V



SGT

LINK BELTING	Part Number				Cross Section	Minimum Pulley Ø		Max Product Weight w/Idlers		Max Product Weight w/UHMW	
	25'	100'/30.5m	10m	30m		(in)	(mm)	(lbs)	(kg)	(lbs)	(kg)
POWERWIST MOVE Belting	0470725		0470733		A	3.0	76	340	154	115	52
POWERWIST MOVE SuperGrip Top PU		0430101			A	3.0	76	200	91	65	30
POWERWIST MOVE SuperGrip Top PVC		0409100			A	3.0	76	200	91	65	30
POWERWIST MOVE Friction Top®		0408081			A	2.5	64	200	91	65	30
POWERWIST MOVE Bridge Top™		0499020			A	3.0	76	340	154	115	52
POWERWIST Antistatic	0408505	0408501	040850010	0408500	A	3.0	76	340	154	115	52
POWERWIST MOVE Belting	0470825		0470833		B	5.5	140	612	278	204	93
POWERWIST MOVE Super Grip Top PU		0435101			B	5.5	140	400	181	135	61
POWERWIST MOVE Super Grip Top PVC		0409200			B	5.5	140	400	181	135	61
POWERWIST MOVE Friction Top®	0405082	0408082			B	5.0	127	400	181	135	61
POWERWIST MOVE Bridge Top™	0499021	0499002			B	5.5	140	612	278	204	93
POWERWIST MOVE Reduced Contact Surface (RCS)		0419300			B	5.5	140	612	278	204	93
POWERWIST Roller Drive™	0410300-25	0410300	0411301	0411300	B	5.0	127	275	125	95	43
POWERWIST Antistatic	0408605	0408601	040860010	0408600	B	5.5	140	612	278	204	93
POWERWIST MOVE Belting	0470925		0470933		C	9.0	229	815	370	275	125
POWERWIST MOVE Super Grip Top PU		0440101			C	9.0	229	650	295	220	100
POWERWIST MOVE Super Grip Top PVC		0409300			C	9.0	229	650	295	220	100
POWERWIST MOVE Belting	0471025		0471033		D	13.2	335	1625	737	550	250
POWERWIST MOVE Belting	0470625		0470633		Z/10		45	230	105	78	36

* Standard package length 100' / 30.5m

† w (width) is the widest part of the belt. h (height) is the tallest part of the belt, including the belting top surface. Dimensions are for reference only.

All listed items subject to a minimum order quantity. Consult factory for restrictions and availability.



WE SOLVE PROBLEMS

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