

SHINGLE
BELTING

shinglebelting.com

1.800.345.6294

POLYFLEX DRIVE ADVANTAGES



Hygienic, homogeneous construction with no cords and with fully molded teeth decreases bacteria contamination

Easily cleaned construction decreases water and detergent consumption by up to 70%

Excellent cut & abrasion resistance and excellent resistance to solvents, oils, and greases

Deeper tooth design eliminates slippage and provides optimum sprocket engagement for maximum drive

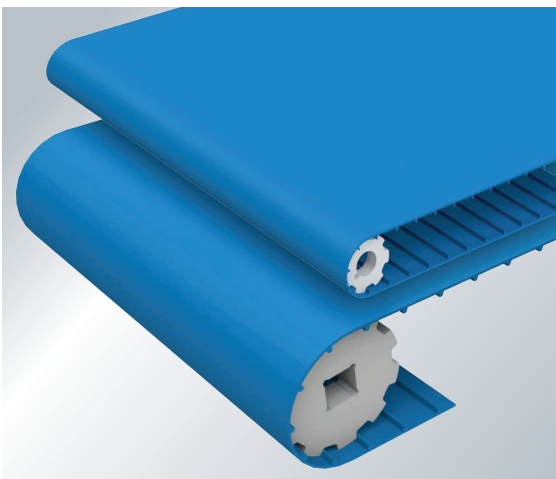
Zero-tension belt system reduces stress on conveyor components such as bearings and shafts, and increases belt and conveyor life

Easy, fast butt splice minimizes downtime

Durable HDPE sprockets in multiple sizes

Easily retrofitted on modular belting applications

Available in 2" & 1" pitch (for tighter transitions)



Polyflex Drive

POLYFLEX DRIVE 30S – PD50		POLYFLEX DRIVE 28S – PD25		
Color	Blue		Blue	
Surface Finish	Smooth		Smooth	
Durometer	95 ShA		93 ShA	
FDA/USDA	Yes		Yes	
	(in.)	(mm)	(in.)	(mm)
Pitch	1.96	50	0.98	25
Thickness (Belt)	0.120	3.0	0.110	2.8
Overall Thickness	0.338	8.6	0.276	7.0
Minimum Pulley	3.75	95	2.25	57
Manufactured Width	72	1828	72	1828
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Weight	0.983 lbs/ft ²	4.8 kg/m ²	0.820 lbs/ft ²	4.0 kg/m ²
Temperature Range	-4°F to +140°F	-20°C to +60°C	-4°F to +140°F	-20°C to +60°C
Coefficient of Friction				
HDPE	0.20		0.22	
S/S	0.52		0.55	



POLYFLEX DRIVE ACCESSORIES							
	ITEM DESCRIPTION	PRODUCT	MATERIAL	SQUARE BORE (mm/in.)	DIAMETER (mm/in.)	# OF TEETH	WIDTH (mm/in.)
30S-PD50	PDS-38-95/6	Sprocket	HDPE	38 / 1.5	95 / 3.74	6	32 / 1.25
	PDI-38-83	Idler	HDPE	38 / 1.5	83 / 3.27	—	32 / 1.25
	PDS-38-128/8	Sprocket	HDPE	38 / 1.5	128 / 5.04	8	32 / 1.25
	PDI-38-116	Idler	HDPE	38 / 1.5	116 / 4.56	—	32 / 1.25
	PDS-38-161/10	Sprocket	HDPE	38 / 1.5	161 / 6.38	10	32 / 1.25
	PDI-38-149	Idler	HDPE	38 / 1.5	149 / 5.86	—	32 / 1.25
	PDS-38-193/12	Sprocket	HDPE	38 / 1.5	193 / 7.60	12	32 / 1.25
	PDI-38-181	Idler	HDPE	38 / 1.5	181 / 7.12	—	32 / 1.25
	PDC-38	Retaining Clip	—	38 / 1.5	—	—	32 / 1.25
28S-PD25	PDS-38-48/6	Sprocket	HDPE	25 / 1.0 RD	48 / 1.89	6	25 / 1.00
	PDS-38-65/8	Sprocket	HDPE	25 / 1.0 RD	65 / 2.56	8	25 / 1.00
	PDS-38-81/10	Sprocket	HDPE	38 / 1.5	81 / 3.19	10	25 / 1.00
	PDS-38-97/12	Sprocket	HDPE	38 / 1.5	97.5 / 3.84	12	25 / 1.00

