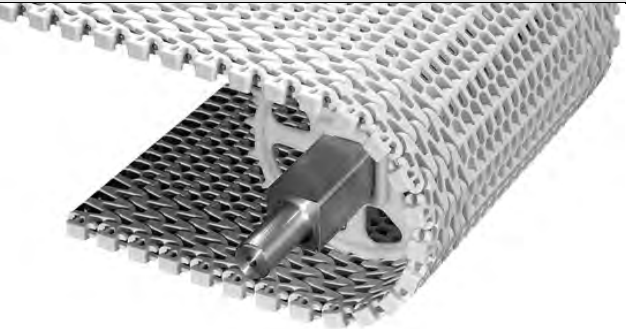
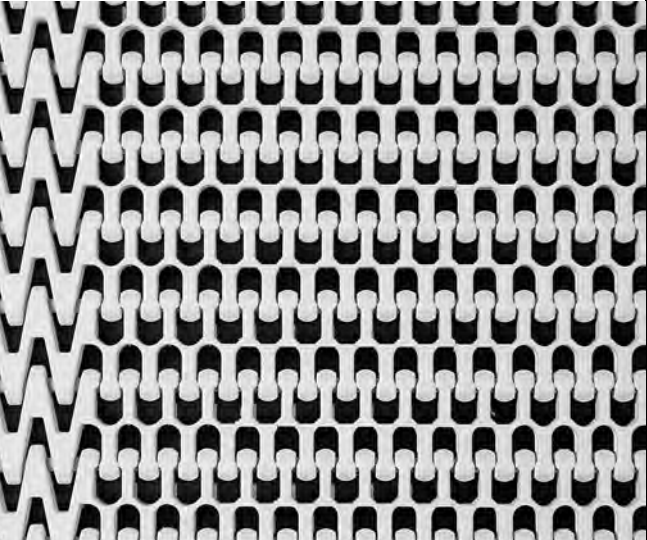


Radius Flush Grid (1.7)		
	in	mm
Pitch	1.00	25.4
Minimum Width	7	178
Width Increments	0.50	12.7
Opening Size (approximate)	0.35 x 0.30	8.9 x 7.6
Open Area	42%	
Product Contact Area	23%	
Hinge Style	Open	
Drive Method	Hinge-driven	



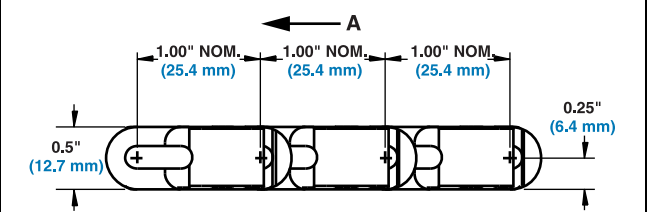
Product Notes

- Contact Intralox for precise belt measurements and stock status before designing equipment or ordering a belt.
- Designed for radius applications with a minimum turn radius of 1.7 times the belt width (measured from inside edge). Maximizes plant floor space.
- Polyethylene material and tab edge belt are not recommended for low-tension capstan drive spiral applications.
- Uses headless rods.
- The Intralox Engineering Program will help predict the strength requirements of most radius applications, ensuring that the belt is strong enough for the application.
- Belt openings pass straight through belt, making it easy to clean.
- Sprocket drive system is designed to minimize wear and requires very low return side tension.
- Available with tight turning modules built into one side or both sides of the belt. Radius belt wearstrips are available.
- Looking in the direction of flat turning travel, the minimum sprocket indent from the right side belt edge with tight turning modules is 2.625 in (66.7 mm). Minimum sprocket indent from the left side belt edge with tight turning modules is 2.875 in (73 mm).
- Belts can be ordered with 1.7 modules on the inside and 2.2 modules on the outside for improved strength.
- Contact sales engineering before using a belt width greater than 18 in (457 mm) in spiral and flat turning applications.
- The minimum nosebar diameter is 1.375 in (34.9 mm).



Additional Information

- See "Belt Selection Process" (page 7)
- See "Standard Belt Materials" (page 22)
- See "Friction factors" (page 26)



Belt Data													
Belt Material	Standard Rod Material Ø 0.18 in (4.57 mm)	BS		Curved Belt Strength ^a lb (kg)						Temperature Range (continuous)		W	
				Belt Widths									
		Straight Belt Strength		12 in	305 mm	18 in	457 mm	24 in	610 mm	°F	°C	Belt Weight	
lb/ft	kg/m	lb	kg	lb	kg	lb	kg			lb/ft ²	kg/m ²		
Polypropylene	Acetal	600	892.8	122	55	140	64	157	71	34 to 200	1 to 93	1.20	5.86
Acetal	Nylon	600	892.8	162	73	179	81	195	88	-50 to 200	-46 to 93	1.73	8.44
Polypropylene	Polypropylene ^b	600	892.8	80	36	91	41	102	46	34 to 220	1 to 104	1.12	5.47

a. The Curved Belt Strength is different for each belt width. Contact Intralox Sales Engineering for assistance with analysis.
b. Polypropylene rods can be installed in polypropylene belts when extra chemical resistance is required. Please note lower belt strength.