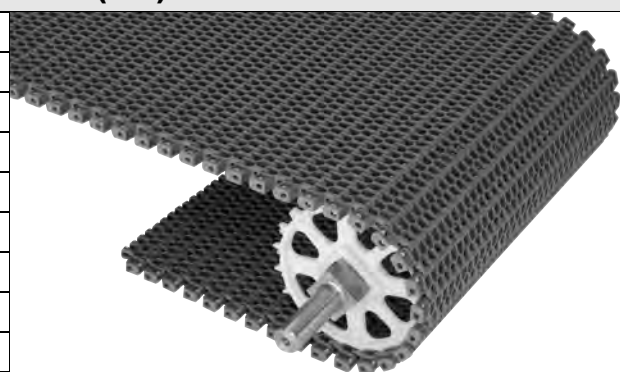


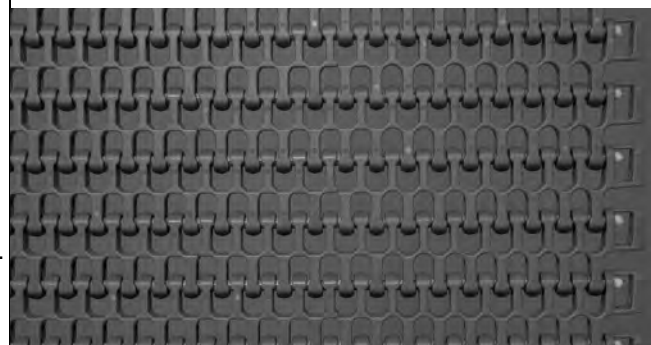
Radius Flush Grid (2.2)

	in	mm
Pitch	1.00	25.4
Minimum Width	4	102
Width Increments	0.50	12.7
Opening Size (approximate)	0.35 × 0.30	8.9 × 7.6
Open Area	42%	
Product Contact Area	23%	
Hinge Style	Open	
Drive Method	Hinge-driven	



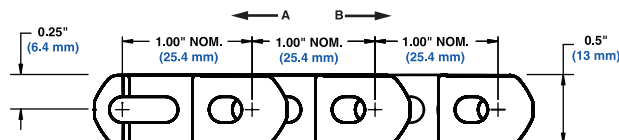
Product Notes

- **Contact Intralox for precise belt measurements and stock status before designing equipment or ordering a belt.**
- Designed for radius and low-tension capstan drive spiral applications with a minimum turn radius of 2.2 times the belt width (measured from inside edge).
- Uses headless rods.
- Available with hold down guide, see page 334 for details.
- The minimum nosebar diameter is 1.5 in (38.1 mm) with hold down guides and 1.375 in (34.9 mm) without hold down guides.
- The Intralox Engineering Program will help predict the strength requirements of most radius and low-tension capstan drive spiral 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.
- Radius belt wearstrips are available.
- Contact Sales Engineering before using a belt width greater than 36 in (914 mm) in a flat turning or spiral applications.



Additional Information

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



A -Preferred direction for flat turning applications
 B -Preferred direction for high-speed applications

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	18 in	24 in			°F		°C		
			lb/ft	kg/m	lb	kg	lb	kg	lb	kg	°F	°C	lb/ft ²	kg/m ²
Polypropylene	Acetal		1200	1785	175	80	200	91	225	102	34 to 200	1 to 93	1.10	5.40
Acetal	Nylon		1700	2528	250	114	280	127	300	136	-50 to 200	-46 to 93	1.59	7.76
Detectable Acetal	HR Nylon		1300	1935	250	114	280	127	300	136	-50 to 200	-46 to 93	1.70	8.30
Polypropylene	Polypropylene ^b		1000	1487	114	52	130	59	146	67	34 to 220	1 to 104	1.04	5.11
X-Ray Detectable Acetal ^c	X-Ray Detectable Acetal		1700	2528	250	114	280	127	300	136	-50 to 200	-46 to 93	1.85	9.03

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.
 c. Designed specifically to be detected by x-ray machines.