

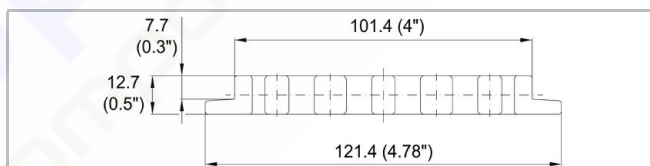
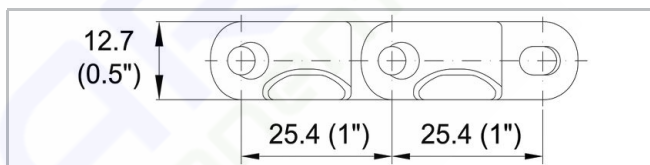
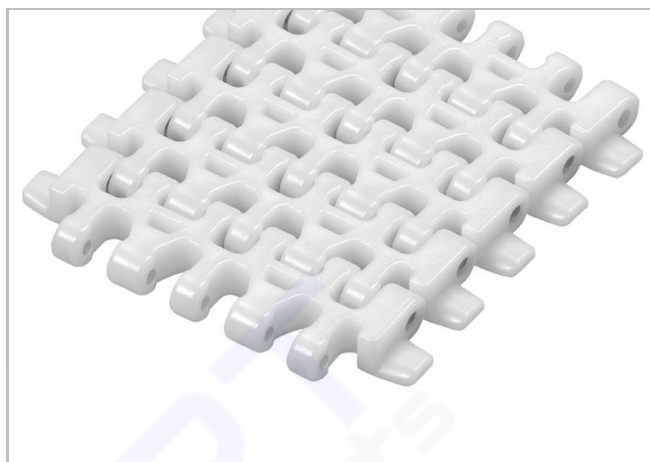
HabasitLINK®

M2791 Radius Flush Grid 1" MTW



Description

- Mold to width radius belt 4" (101.4 mm) wide
- For radius and straight conveying
- Collapse factor 8.5
- 24% open area
- 38% open contact area
- largest opening 5.9 x 10.7 mm (0.23"x0.42")
- Easy to clean
- Smart Fit rod retention
- Rod diameter 5 mm (0.2")
- Lug teeth sprockets



Belt data

	Nominal belt width b_0		Belt material	Rod material	Nominal tensile strength F_N straight run		Nominal tensile strength $F_{N(1)}$ in curve		Belt weight m_b	
	mm	inch			N	lbf	N	lbf	kg/m	lb/ft
M2791K04	101	4.0	POM	PA	1500	338	1500	338	1.18	0.79
M2791K04	101	4.0	POM	PBT	1500	338	1500	338	1.18	0.79

Real belt widths are in most cases 0.1% to 0.3% smaller.

Diameter of idling rollers (minimum)		Diameter of support rollers (minimum)		Diameter for gravity take-up and center drive rollers (minimum)		Backbending radius for elevators without side guards or hold down devices (minimum)	
mm	inch	mm	inch	mm	inch	mm	inch
50	2	50	2	100	4	150	6

Temperature range

Module material	Rod material	Temperature range	
POM	PA	-40 °C to +93 °C	-40 °F to +200 °F
POM	PBT	-40 °C to +93 °C	-40 °F to +200 °F

For detailed material properties refer to the HabasitLINK® Engineering Guidelines.

The nominal tensile strength is valid for 23 °C (73 °F). The admissible tensile force depends on the operating temperature near the drive sprockets. Within the temperature range allowed, the admissible tensile force may vary from 100% to 20% of the nominal tensile strength. For detailed information and correct calculation of effective tensile force refer to the Calculation Guide in the HabasitLINK® Engineering Guidelines.

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