

# HabasitLINK<sup>®</sup>

## M2585 Flush Grid 1"



Your Source For Habasit  
Belting And Chain

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### Description

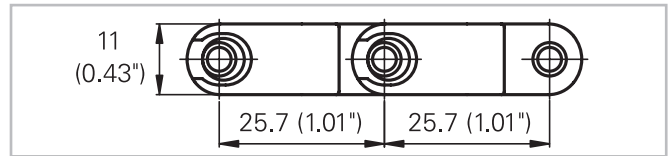
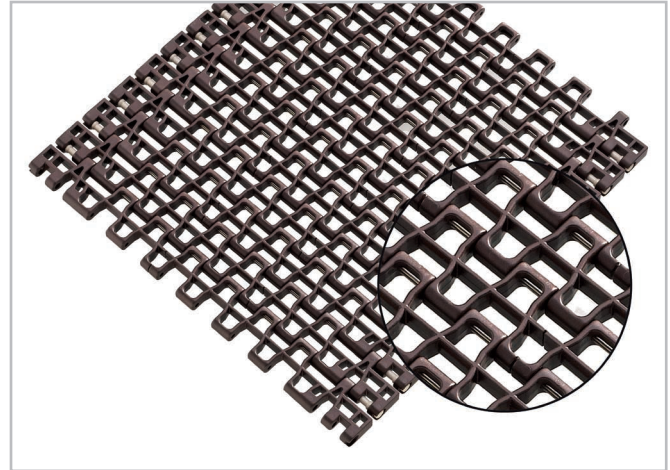
- Imperial belt width
- Excellent for cooling and draining
- Open hinge
- Superior cleanability
- Food approved materials available
- Smart fit rod retention

### Version -P0:

- Plastic rod Ø 5mm (0.2") (general applications)
- 48% open area; 88% open contact area; largest openings 10x12 mm (0.4"x0.5") and 4x17 mm (0.15"x0.67")

### Version -S0:

- Plastic rodlets with steel floaters Ø 3.5mm (0.14") (high temperature applications)
- 54% open area; 91% open contact area; largest openings 10x12 mm (0.4"x0.5") and 4x17 mm (0.15"x0.67")



### Belt data for version -P0 (plastic rod)

Belt material		PP		POM	
Rod material		PP	POM	PA	PBT
Nominal tensile strength F' <sub>N</sub> straight run	N/m	9500	11000	15500	10300
	lb/ft	651	754	1062	705
Temperature range	°C	5 - 105	5 - 93	-40 - 93	-40 - 93
	°F	40 - 220	40 - 200	-40 - 200	-40 - 200
Belt weight m <sub>B</sub>	kg/m <sup>2</sup>	4.2	4.2	6.4	6.4
	lb/sqft	0.85	0.85	1.31	1.31

Plastic rod diameter Ø 5 mm (0.2")

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 sideguards or hold down devices (minimum)	
mm	inch	mm	inch	mm	inch	mm	inch
40	1.6	50	2	100	4	150	6

### Standard range of belt widths b<sub>0</sub>

mm (nom.)	305	508	711	914	1117	1319	1522	1725	1928	etc.
inch (nom.)	12	20	28	36	44	52	60	68	76	etc.

Standard belt widths in increments of 203.2 mm (8"). Non-standard widths are offered in increments of 33.8 mm (1.3"). Smallest possible width 203.2 mm (8").

For detailed material properties refer to the HabasitLINK<sup>®</sup> Engineering Guidelines or contact your Habasit representative.

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<sup>®</sup> Engineering Guidelines.