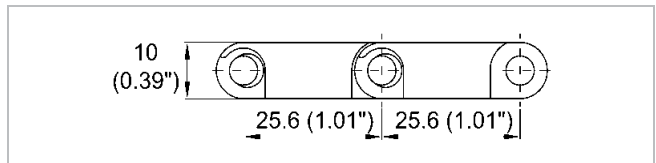
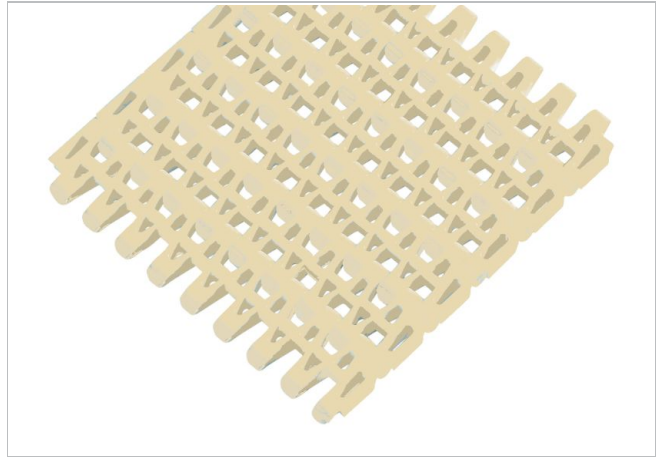


HabasitLINK® M2533 Flush Grid 1" Heat Resistant



Description

- 35% open area; 60% open contact area; largest opening 5.5x7 mm (0.22"x0.28")
- Excellent for cooling and draining
- Open hinge
- Food approved materials available
- Rod diameter 5 mm (0.2")
- Smart Fit rod retention
- "Open window" sprockets



Belt data for special belt materials

Belt material		PA+GF	PA+HT	ST
Rod material		ST		
Flammability classification UL 94 ⁽²⁾		HB		V0
Flammability classification ISO 340 ⁽²⁾		no		yes
Nominal tensile strength F'_N straight run	N/m lb/ft	20000 1370	20000 1370	10000 685
Temperature range	°C °F	0 - 145 32 - 293	0 - 170 32 - 338	0 - 200 32 - 392
Temperature maximum (short-term)	°C °F	175 347	200 392	240 464
Belt weight m_b	kg/m ² lb/sqft	7.7 1.54	7.7 1.54	8.7 1.78

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)		Backbending radius for elevators with side guards or hold down devices (minimum)	
mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
50	2.00	50	2.00	100	4	150	6	250.0	10

Sprockets: For Polyamide +HT, Polyamide +GF and Super High Temperature belt materials it is recommended to use sprockets of the Super High Temperature material. Depending on the application requirements it may be possible to select a different sprocket material like Polyamide.

⁽²⁾ Flammability classification UL 94 and ISO 340 see Glossary in the HabasitLINK® Engineering Guidelines.

Belt width for Polyamide +GF, Polyamide +HT and Super High Temperature material

mm (nom.)	50.5	101.0	151.5	202.0	252.5	303.0	353.5	404.0	454.5	505.0	555.5	606.0	etc.
inch (nom.)	1.99	3.98	5.96	7.95	9.94	11.93	13.92	15.90	17.89	19.88	21.87	23.86	etc.

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

Dimension change due to moisture

For Polyamide the dimension change due to moisture adsorption needs to be considered. For detailed information refer to the Calculation Guide in the HabasitLINK® Engineering Guidelines.

HabasitLINK®

M2533 Flush Grid 1" Heat Resistant



Dimension change due to temperature

For detailed information and correct calculation of length and width at varying temperature refer to the Calculation Guide in 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.

Disclaimer

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