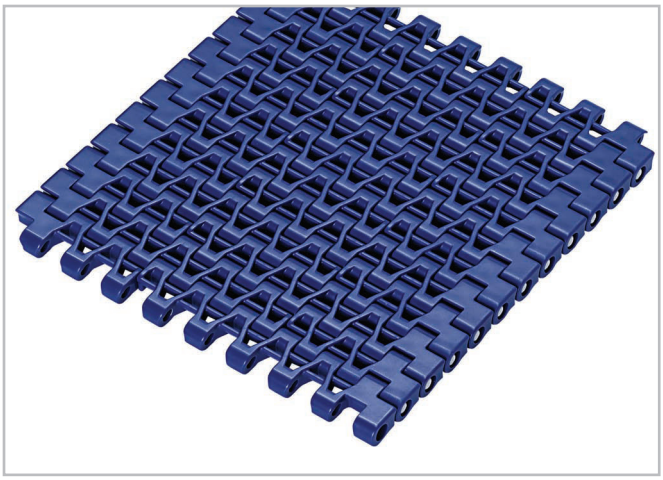
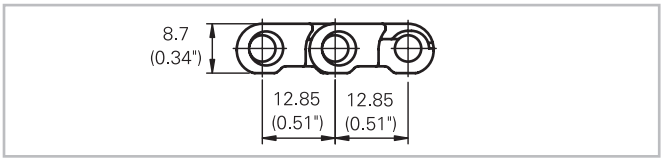
HabasitLINK ®
M1280 Flush Grid 0.5"

Description

- Imperial width
- 18% open area
- 83% open contact area
- Open hinge
- Rod diameter 4.5 mm (0.18")
- Headless Smart Fit rod retention
- Strong closed edges
- Robust edge design
- Optimized design for smooth sliding transfer
- Compatible to M1200 sprocket series





Belt data

Belt material		POM +LF			POM +EC		PBT +FR	
Rod material		PA	PP	PBT	PA	PP	PA	PP
Nominal tensile strength F'_N straight run	N/m	21400	13700	17200	17400	13400	13700	13400
	lb/ft	1466	939	1178	1192	918	939	917
Temperature range	°C	-40 - 93	5 - 93	-40 - 93	-40 - 93	5 - 93	-40 - 130	5 - 105
	°F	-40 - 200	40 - 200	-40 - 200	-40 - 200	40 - 200	-40 - 266	40 - 220
Belt weight m_B	kg/m²	7.1	7.1	7.1	7.1	7.1	7.4	7.4
	lb/sqft	1.45	1.45	1.45	1.45	1.45	1.52	1.52

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
18	0.7	50	2	75	3	150	6

Standard range of belt widths b_0

mm (nom.)	152.4	203.2	254.0	304.8	355.6	406.4	457.2	508.0	558.8	609.6	660.4	711.2	762.0	etc.
inch (nom.)	6	8	10	12	14	16	18	20	22	24	26	28	30	etc.

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

Standard belt widths in increments of 2.0" (50.8 mm). Non-standard widths are offered in increments of 0.67" (16.9 mm). Smallest possible width 6.0" (152.4 mm).

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