

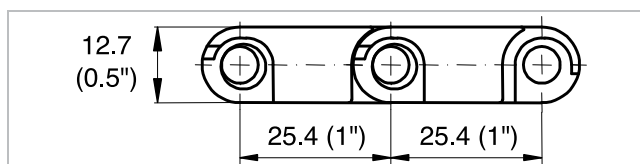
# HabasitLINK®

## M2626 Diamond Top Heavy Duty 1"



### Description

- Diamond Top surface for easy product release
- Heavy duty belt
- 12.7 mm (0.5") thick
- High strength and stiffness
- 0% open area
- Closed hinge
- Rod diameter 6 mm (0.22")
- Smart Fit rod retention
- Double row solid and split sprockets



### Belt data

Belt material		PBT	PP	
Rod material		PBT		PP
Nominal tensile strength $F'_N$ straight run	N/m	45000	26500	24000
	lb/ft	3082	1815	1644
Temperature range	°C	-40 - 120	5 - 105	5 - 105
	°F	-40 - 248	40 - 220	40 - 220
Belt weight $m_B$	kg/m <sup>2</sup>	14.5	9.1	9.1
	lb/sqft	2.98	1.87	1.87

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	2.00	50	2.00	100	4	150	6

### Standard range of belt widths $b_0$

mm (nom.)	85	170	255	340	425	510	595	680	765	850	935	1020	1105	etc.
inch (nom.)	3.35	6.69	10.04	13.39	16.73	20.08	23.43	26.77	30.12	33.46	36.81	40.16	43.50	etc.

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

For PP material up to 750 mm (30") -3 mm to 0 mm and -0.4% to 0% for wider belts.

**Standard belt widths** in increments of 85 mm (3.35"). Non-standard widths are offered in increments of 17 mm (0.67"). Smallest possible width 85 mm (3.35").

**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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