

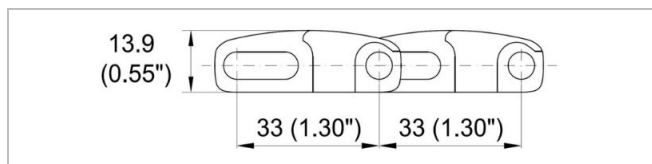
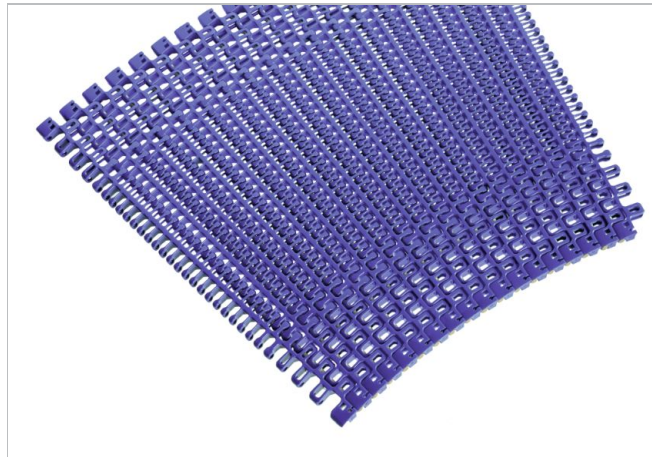
# HabasitLINK®

## M3398 Radius Flush Grid CT 1.3"



### Description

- For radius and straight conveying
- Collapse factor:
  - M3398-16: 1.6
  - M3398-22: 2.2
  - M3398-30: 3.0
- 47% open area; 84% open contact area; largest opening 4x8 mm (0.16"x0.32")
- Imperial belt width
- Easy to clean
- Excellent for cooling and draining
- Food approved materials available
- Rod diameter 6 mm (0.24")
- Smart fit rod retention



### Belt data

Belt material		POM	
Rod material		PA	POM
Nominal tensile strength $F'_N$ straight run	N/m	18000	18000
	lb/ft	1233	1233
Nominal tensile strength $F_N$ in curve <sup>(1)</sup>	N	1975	1975
	lb	444	444
Temperature range	°C	-40 - 93	-40 - 93
	°F	-40 - 200	-40 - 200
Belt weight $m_B$	kg/m <sup>2</sup>	7.2	7.2
	lb/sqft	1.46	1.46

<sup>(1)</sup> For maximum admissible value refer to LINK-SeleCalc

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
75	3.00	75	3.00	100	4	150	6	250.0	10

Use the largest possible backbending radius for elevators with side guards or hold-down devices.

### Standard range of belt widths $b_0$ and collapse factor $Q$ ( $R_{min} = Q \times b_0$ )

Belt width mm (nom.)	304	355	406	457	508	558	609	660	711	762	812	863	914	965
Belt width inch (nom.)	12	14	16	18	20	22	24	26	28	30	32	34	36	38
Coll. fact. Q M3398-16	1.45	1.47	1.48	1.50	1.51	1.52	1.53	1.53	1.54	1.54	1.54	1.55	1.55	1.55
Coll. fact. Q M3398-22	1.98	2.01	2.04	2.07	2.09	2.11	2.13	2.14	2.15	2.16	2.17	2.17	2.18	2.18
Coll. fact. Q M3398-30	2.75	2.79	2.83	2.85	2.87	2.89	2.91	2.92	2.94	2.95	2.96	2.97	2.97	2.98
Belt width mm (nom.)	1016	1066	1117	1168	1219									
Belt width inch (nom.)	40	42	44	46	48									
Coll. fact. Q M3398-16	1.56	1.56	1.56	1.57	1.57									
Coll. fact. Q M3398-22	2.17	2.19	2.19	2.20	2.20									
Coll. fact. Q M3398-30	2.99	2.99	3.00	3.00	3.01									

Belt widths larger than 1219 mm (48") are not recommended; please contact Habasit.  
Real belt widths are in most cases 0.1% to 0.3% smaller.

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**Standard belt widths** in increments of 50.8 mm (2"). Non-standard widths are offered in increments of 12.7 mm (0.5"). Smallest possible width 304.8 mm (12").

**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.

Protection type: IP 1X (DIN EN 60259 / IEC 529)

### Disclaimer

#### Product Application Disclaimer (valid for ALL Habasit products and mentioned on all PDS)

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