

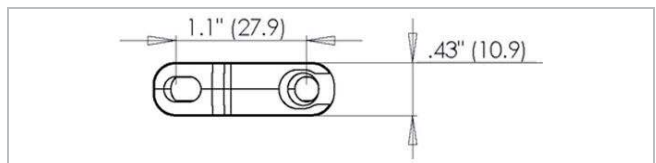
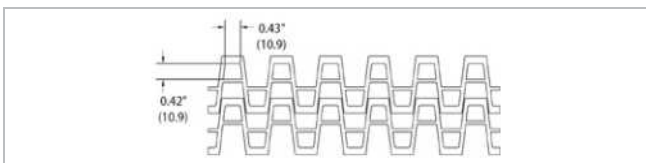
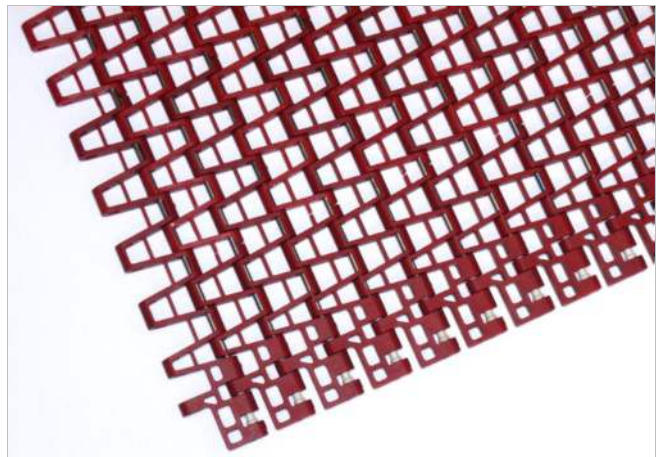
# HabasitLINK®

## F52 Smart Fit (1/2" x 1/2" Flat Wire)



### Description

- 1.1 inch pitch
- 55% open area; 82% open contact area; largest opening 0.43x0.43 inches (10.9x10.9 mm)
- Food approved materials
- Connecting rod diameter = 0.145 inch (3.7 mm)
- Smart Fit rod retention (the old rod retaining available on request)
- Bi-directional



### Belt data

Belt material		PA+GF	PA+HN	PA+RM	PE	POM	PP
Rod material		Steel		PA	PP		
Nominal tensile strength $F'_N$ straight run	N/m	8756	8756	7297	3502	8756	4378
	lb/ft	600	600	500	240	600	300
Temperature range	°C	-40 - 145	-40 - 170	-40 - 118	5 - 65	5 - 93	5 - 105
	°F	-40 - 293	-40 - 338	-40 - 245	40 - 150	40 - 200	40 - 220
Temperature maximum (short-term)	°C	175	200				
	°F	347	392				
Belt weight $m_B$	kg/m <sup>2</sup>	7.7	7.7	3.9	2.4	4.7	3.0
	lb/sqft	1.57	1.57	0.79	0.49	0.96	0.62
Standard belt color		red/brown	maroon	beige	white	blue	gray/white

Diameter of idling rollers (minimum)	
mm	<i>inch</i>
46	1.80

**Standard range of belt widths** in increments of 1.33" (33.8mm) starting from 4" (101.6mm). Material selection may affect belt width — please contact your local partner for actual dimensions.

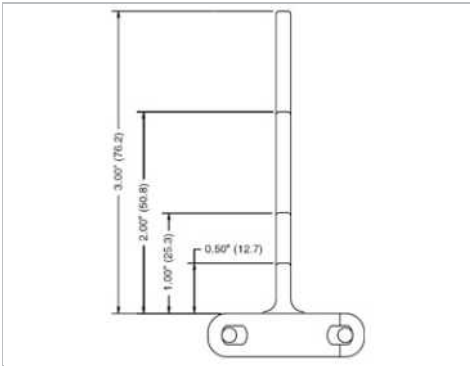
**Protection type:** IP1X (DIN EN 60259 / IEC 529)

Additional belt colors and materials available, abrasive resistant Nylon (Polyamide) rods available.

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## Belt accessories



### Flights

Standard flights are available in 1/2", 1", 2", and 3" heights

### Disclaimer

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

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