

HabasitLINK[®]

M1280 ActivXchange 0.5"

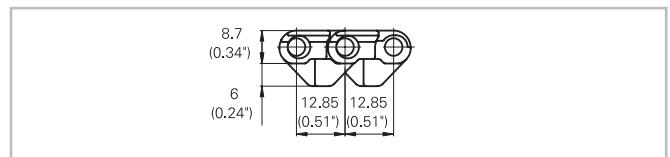
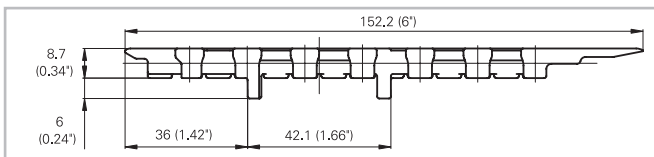
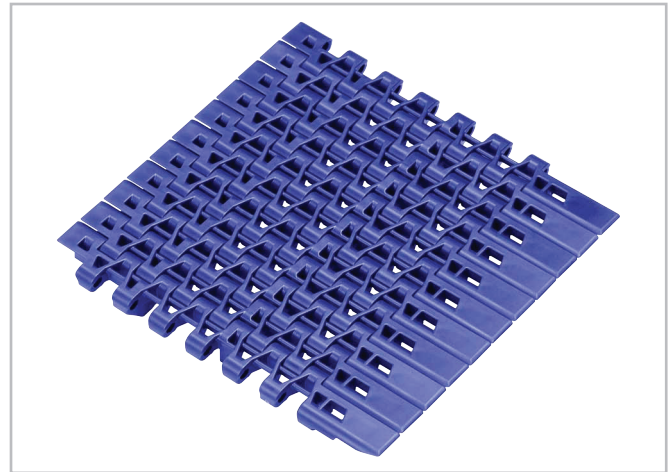


Your Source For Habasit
Belting And Chain

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Description

- 8.7 mm (0.34") thick
- Imperial width
- 18% open area
- 87% open contact area
- Open hinge
- Rod diameter 4.5 mm (0.18")
- Smart Fit rod retaining headless
- Optimized edges for smooth sliding transfer
- Suitable with all M1200 sprockets
- Smooth surface with flush edges
- Designed for 90° self clearing transfer
- Tracking tabs for belt guiding



Belt data

| | Belt material | Rod material | Nominal tensile strength F_N straight run | | Belt weight m_B | |
|----------|---------------|--------------|---|-----|-------------------|-------|
| | | | N | lbf | kg/m | lb/ft |
| M1280L04 | POM +LF | PA | 2400 | 540 | 1.05 | 0.71 |
| M1280L04 | POM +LF | PBT | 2000 | 450 | 1.05 | 0.71 |
| M1280L04 | POM +LF | PP | 1600 | 360 | 1.05 | 0.71 |

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

| Diameter of idling rollers (minimum) | | Diameter of support rollers (minimum) | | Diameter for gravity take-up and center drive rollers (minimum) | |
|--------------------------------------|------|---------------------------------------|------|---|------|
| mm | inch | mm | inch | mm | inch |
| 18 | 0.7 | 50 | 2 | 75 | 3 |

Temperature range

| Module material | Rod material | Temperature range | |
|-----------------|--------------|-------------------|-------------------|
| POM +LF | PA | -40 °C to +93 °C | -40 °F to +200 °F |
| POM +LF | PBT | -40 °C to +93 °C | -40 °F to +200 °F |
| POM +LF | PP | +5 °C to +93 °C | +40 °F to +200 °F |

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.