

Technical Bulletin 4: Length Tolerances for Twin-Path® Slings

Many critical lifts require exact sling lengths. Slingmax Twin-Path Slings are made with a proprietary roundsling machine that guarantees exact length and repeatability. This in turn makes Twin-Path roundslings more exact in length than any other steel or synthetic sling available.

Generally Twin-Path slings are made within +/- 1% of the total sling length. However, if specified, Twin-Path slings can be made at almost exact lengths, usually within +/- 1 in (25 mm). Furthermore, if ordered as sets, Twin-Path slings will be constructed in matching lengths.

When measuring your Twin-Path roundslings it is important to measure them under load. This can be as little as 10% of rated capacity. Although the K-Spec® core yarn stretches at less than 1% of rated capacity, the Covermax® cover can expand and contract. Floor measuring, especially with used slings, is not always accurate. If lengths need to be verified, measurements under load can be performed safely at the manufacturer's location.