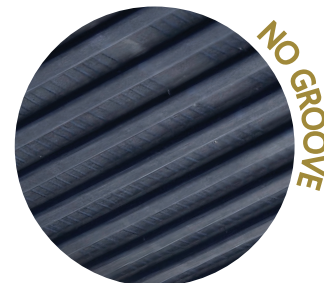


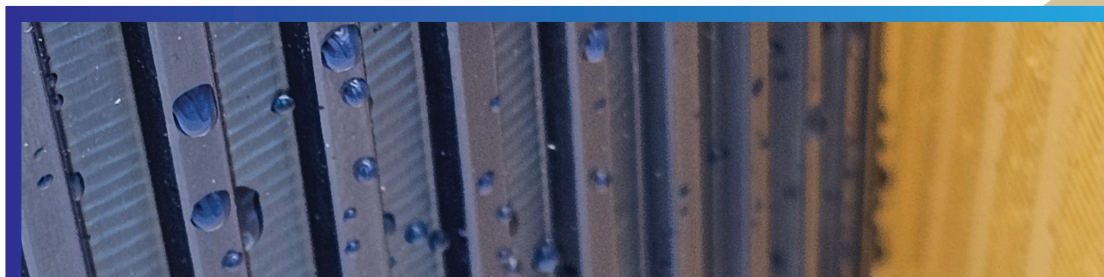
# WHAT IS A SEALED FLIGHT?

Also known as vacuum or no-groove, sealed flight configurations eliminate the cord standoff groove found on standard timing belts. Our sealed flight pitches are denoted as V for vacuum, i.e. T10 is T10V.



## CONFIGURATIONS

By removing the cord standoff groove, the cords are completely encapsulated in urethane. This protects the core of the belt from hydrolysis and degradation from washdown chemicals, because cord material can wick moisture into the belt body. It also makes the surface easier to clean as dirt and grime cannot cling to the cords.



## BENEFITS

We offer sealed flight versions of many popular pitches. Currently, we can produce L, H, T5, T10 and STD8 in a vacuum configuration. Our standard options are aramid tension members with dark blue, FDA food contact compliant, 85 ShA durometer belt body, but we can produce a variety of color options, including clear, in 90ShA and 95ShA food contact compliant polymers as well. Please contact USTC for special configurations

PITCH	MAX WIDTH <sup>1</sup>	BREAKING STRENGTH AT MAX WIDTH <sup>2</sup>	MWL AT MAXIMUM WIDTH <sup>2</sup>
LV	4.5"	40150N	10038N
HV	12"	91640N	26183N
T5V	310MM	44240N	11060N
T10V	310MM	91640N	26183N
STD8	310MM	91640N	26183N

**1** MAX WIDTH IS MOLD WIDTH AND MAY VARY SLIGHTLY DEPENDING ON MATERIAL SHRINKAGE. PLEASE CONTACT USTC STAFF FOR DETAILS

**2** STRENGTH CAN BE INCREASED FOR SMALLER WIDTHS. PLEASE CONTACT USTC FOR DETAILS.

ALL SPECS ARE AVERAGE VALUES FOR ARAMID CORD OPEN END BELT MATERIAL. HEAT WELDED JOINTS ARE ON AVERAGE 50% LESS RESISTANT THAN STATED VALUES

