



# MEGADYNE

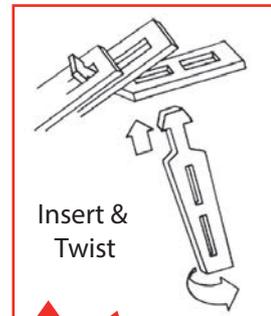
# ACCU-LINK

## THE IDEAL REPLACEMENT FOR CONVENTIONAL RUBBER V-BELTS!



Accu-Link is the Megadyne's link-belt, created and developed as an alternative to classical rubber V-belts. Megadyne's Accu-Link combine superior strength and durability with quick and easy assembly and installation. The original concept is to give a fast replacement to classical V-belts in case of break. Despite this, thanks to the performance of link-belts, today Accu-Link are used in a very wide range of applications as original equipment.

- ✓ MADE WITH A POLYURETHANE ELASTOMER REINFORCED BY A MULTILAYER WOVEN POLYESTER FABRIC.
- ✓ SMOOTH AND PRECISE SIDE PROFILE WHICH LEADS TO A LOW VIBRATION LEVEL.
- ✓ DELIVERED ALREADY ASSEMBLED AND PRETENSIONED TO REDUCE THE ELONGATION DURING THE EARLY STAGE OF MACHINE'S START-UP.



APPLICATION	MAIN ADVANTAGES COMPARED TO CLASSICAL V-BELTS
Metal and wood working machine	Less noise, less vibrations
Marine engine	Better resistant to salty environment
Poultry industry	Better standing to harsh environment (ammonia)
Air handling	Easier and quicker to install
Rolling conveyor	Easier and quicker to install
Glass conveyor	Better performing in case of pulley's misalignment
Tiles and marble conveyor	No stains (compared to PU V-belt)
	Easier and quicker to install, possible to perform turns

**Available in  
Z/3L, A/4L, B/5L, C  
sections**

	Z/3L	A/4L	B/5L	C
Belt weight g/m (+/-1.5)	43.0	76.5	117.5	178.5
Min pulley diameter (mm)	45	80	140	225
Service temperature range	-25 °C / +80 °C (-13 °F / 176 °F)			
Standard roll lengths (ft)	25, 100	25, 100	25, 100	25, 50
Standard sleeve lengths (ft)	5	5, 6	6	5

# ACCU-LINK: EASY LIKE A SNAP



## ACCU-LINK ADJUSTABLE V- BELT

### MAIN FEATURES

- Available in Z/3L, A/4L, B/5L and C profile
- Superior resistance to water, mineral pure oils and greases
- Temperature resistant -25 °C / +80 °C (-13 °F / +176 °F)
- Available in rolls or in sleeves

### MAIN ADVANTAGES

- Easy assembly
- Fast installation
- Smaller warehouse due to the small amount of items
- Quite and smooth running



## No Special Tools Required - Assembles in Seconds!



### Measuring:

1. Pull the belt tight around the sheaves to check the needed length, overlapping the last two tabs with two holes in matching .
2. Count the number of links and remove one link every 24 for Z/3L, A/4L and B/5L sections, and one link every 20 for C section to get the proper installation tension.
3. For multiple belt drives, be ensure that each belt has the same number of links.

### Assembly



1. Holding the belt with the tabs upwards, let the tab of one belt's end get through two links at once. (three if C section)



2. Flexing the belt as much as needed, twist and insert the second tab through the end link.



3. Ensure that tab will stay transversally to the belt's running direction; reverse the belt upside down to let it running on the tab side.



### Installation:

1. Be sure that the belt has the tabs on the inner side; the belt has to run with the tabs oppositely facing the running direction.
2. Fit the belt in the nearest groove of the smaller sheave and then roll the belt onto the larger sheave. For multiple belts drive, repeat the operation on all the grooves.
3. Anytime please check that belts looks pretty tight and tabs are still in the correct position.

### Disassembly



3. Put the belt with the tabs upwards and bend it as much as possible



2. Twist one tab 90° to make it parallel to the belt; in this way you can pull the end of the link over the tab



3. Rotating the belt by 90° you can now easily pull one belt's end away from the other one

NOTE: Unlike conventional V-Belts, Accu-Link can be rolled onto pulleys - no cord to break.