

ANVER offers a variety of vacuum pad attachments that are designed for high-flow flat surface applications. There are two basic configurations for most pad attachments: the T-Series and T1-Series (see photos below). The total vacuum pad area to a tube cross-section area ratio must be at least 2:1 as it is crucial to lift safety. Suitable tube-to-pad attachment area-ratios that satisfy this safety requirement are listed in the table below. See page 2 for the minimum number of pads required for each VT Tube Lifting System.

Note: When attaching to the side of the load, these areas must be doubled for a 4:1 ratio for grip and safety.

Features

- Seals made from proprietary Nitrile blend to provide highest performance and longest durability - Tapered edge attaches easily
- Hand-replaceable SSR(Series) Seals can be changed in minutes with no tools required
- Special seal design optimizes airflow and provides durability for a robust application across many industries
- Quick-Disconnect Attachments make it easy to change pads for load handling versatility
- Ideal for Lifting Boxes, Wood Panels as well as other Flat Semi-Porous loads
- Rugged Extruded Aluminum Spreader Beams make Pad Adjustments Easier
- A Variety of mounting styles are available to adapt to any vacuum lifting system



T-Series: For multi-pad use, T-Series pad attachments can be configured inline or with crossarms on a spreader beam.



T1-Series: For single pad use. T1-Series pad attachments are equipped with a quick release mount. The control head must have a VT-QRT-M or -S in order to use a single pad.



T1-4P-Series: For single pad use. T1-4P-Series pad attachments are equipped with a rugged aluminum quick release. The control head must have VT-QRT-M-4P or -S-4P in order to use a single pad.



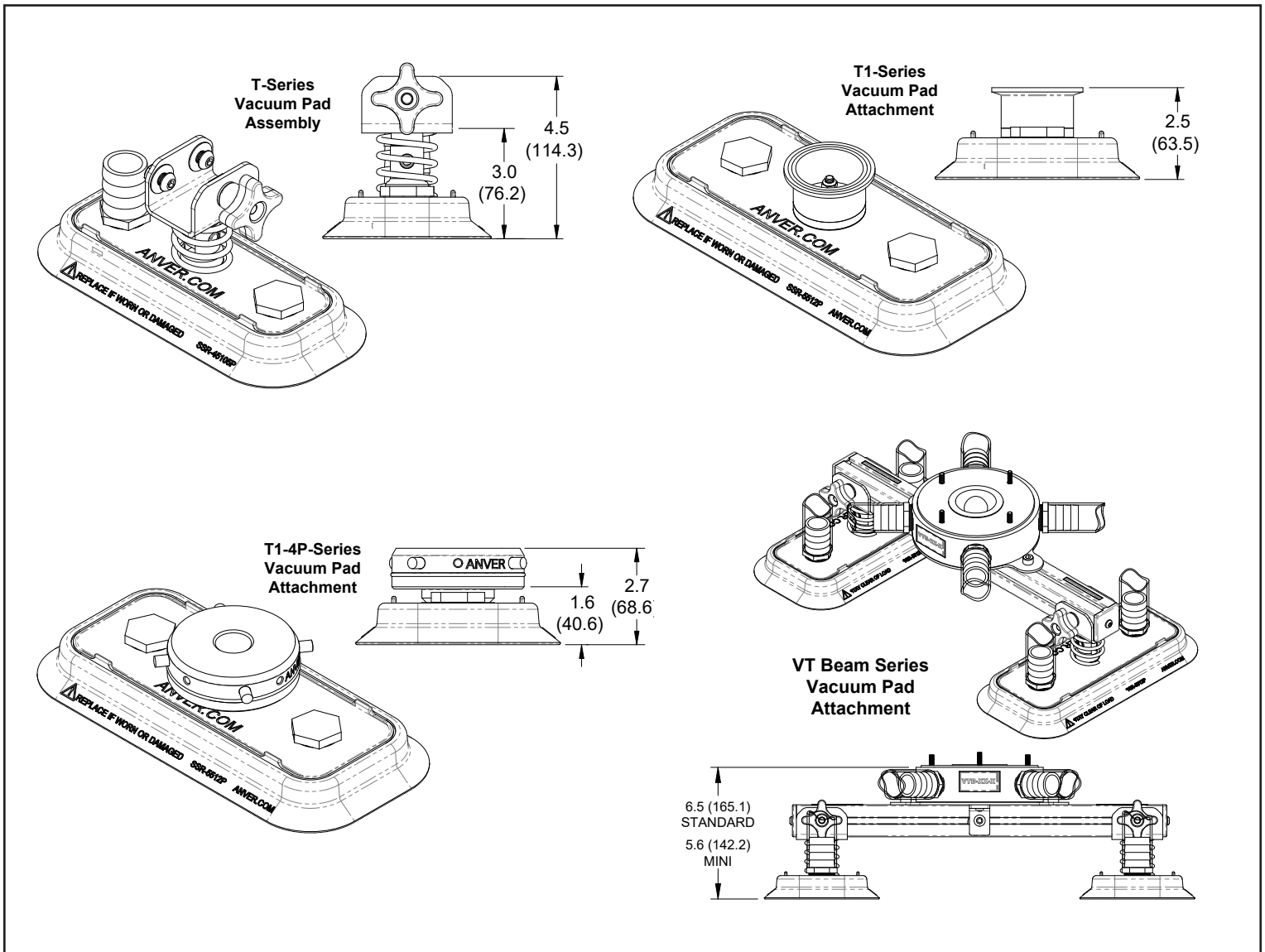
T-Series pads attach to aluminum beam for adjustable width. Dual NPT ports allow for maximum airflow. Beam assembly can be paired with quick release for highest efficiency.

Pad Number	Replaceable Seal Part Number	NPT Port Size	Hose Barb Part Number	Hose I.D.	Plug Part Number (4+ Pad & T1)
T-040100P	SSR-3510P	3/4"	PHB34X114	1.25"	PHP34
T-040120P	SSR-3512P	3/4"	PHB34X114	1.25"	PHP34
T-050105P	SSR-45105P	1"	PHB1X114	1.25"	PHP1
T-050150P	SSR-4515P	1"	PHB1X114	1.25"	PHP1
T-060120P	SSR-5512P	1"	PHB1X114	1.25"	PHP1

Lifting Systems	Tube Area [Sq in (Sq cm)]	Minimum Pad Area [Sq in (Sq cm)]
VT090	10 (65)	20 (129)
VT100	12 (77)	24 (155)
VT120	18 (116)	35 (226)
VT140	24 (155)	48 (310)
VT160	31 (200)	62 (400)
VT180	39 (252)	79 (510)
VT200	49 (316)	97 (626)
VT250	76 (490)	152 (981)
VT300	114 (736)	228 (1471)

The data shown in the tables below are for horizontal lifting only. If you are looking for the minimum number of pads for a particular ergonomic lifting system that appears to be shaded, please contact ANVER for possible solutions.

Pad Number	Flared Dimensions W x L [in (cm)]	Seal Area [Sq in. (Sq cm)]	Minimum Number of Pads Required							
			Mini				Standard			
			VT090	VT100	VT120	VT140	VT160	VT180	VT200	VT250
T-040100P	3.88 x 9.88 (9.9 x 25.1)	23.9 (154)	1	2	2	2	3	4		
T-040120P	3.88 x 11.88 (9.9 x 30.2)	32.6 (210)	1	1	2	2	2	3	3	
T-050105P	4.88 x 10.38 (12.4 x 26.4)	33.9 (219)	1	1	2	2	2	3	3	
T-050150P	4.88 x 15.00 (12.4 x 38.1)	54.3 (350)	1	1	1	1	2	2	2	3
T-060120P	5.88 x 11.88 (14.9 x 30.2)	50.2 (324)	1	1	1	1	2	2	2	4



Notes: * Special order pads may require longer lead time. Please consult ANVER for more information.