

# IP44 AL-06 Tee w/ Clevis Ceiling

AWIP ALLOWABLE LOAD TABLE

IP44 Allowable Load Table (psf) for AL-06 Tee w/ Clevis

Exterior/Interior Profile	Panel Thickness	Panel Weight	Rod Spacing	Uniform Load				
				10 psf	15 psf	20 psf	25 psf	30 psf
Mesa/Mesa Or Mesa/Flat	3"	2.41 psf	4'-0"	16'-5"	14'-2"	12'-7"	11'-5"	10'-5"
			4'-6"	16'-5"	14'-2"	12'-7"	11'-5"	10'-5"
			5'-0"	16'-5"	14'-2"	12'-7"	11'-5"	10'-5"
			5'-6"	16'-5"	14'-2"	12'-7"	11'-5"	10'-5"
			6'-0"	16'-5"	14'-2"	12'-7"	11'-5"	10'-5"
			6'-6"	16'-5"	14'-2"	12'-7"	10'-7"	8'-11"
			7'-0"	16'-5"	14'-2"	11'-2"	9'-1"	7'-8"
	4"	2.62 psf	4'-0"	20'-0"	17'-4"	15'-5"	14'-0"	12'-11"
			4'-6"	20'-0"	17'-4"	15'-5"	14'-0"	12'-11"
			5'-0"	20'-0"	17'-4"	15'-5"	14'-0"	12'-11"
			5'-6"	20'-0"	17'-4"	15'-5"	14'-0"	12'-5"
			6'-0"	20'-0"	17'-4"	15'-1"	12'-4"	10'-5"
			6'-6"	20'-0"	16'-6"	12'-10"	10'-6"	8'-10"
			7'-0"	19'-10"	14'-2"	11'-0"	9'-0"	7'-8"
	5"	2.82 psf	4'-0"	23'-3"	20'-2"	18'-1"	16'-6"	15'-2"
			4'-6"	23'-3"	20'-2"	18'-1"	16'-6"	15'-2"
			5'-0"	23'-3"	20'-2"	18'-1"	16'-6"	15'-0"
			5'-6"	23'-3"	20'-2"	17'-10"	14'-7"	12'-4"
			6'-0"	23'-3"	19'-2"	14'-11"	12'-3"	10'-4"
			6'-6"	22'-8"	16'-3"	12'-8"	10'-5"	8'-10"
			7'-0"	19'-6"	14'-0"	10'-11"	9'-0"	7'-7"
	6"	2.98 psf	4'-0"	26'-3"	22'-11"	20'-6"	18'-9"	17'-4"
			4'-6"	26'-3"	22'-11"	20'-6"	18'-9"	17'-4"
			5'-0"	26'-3"	22'-11"	20'-6"	17'-7"	14'-11"
			5'-6"	26'-3"	22'-7"	17'-8"	14'-6"	12'-4"
			6'-0"	26'-3"	19'-0"	14'-10"	12'-2"	10'-4"
			6'-6"	22'-4"	16'-2"	12'-7"	10'-4"	8'-9"
			7'-0"	19'-3"	13'-11"	10'-10"	8'-11"	7'-7"
	8"	3.31 psf	4'-0"	31'-9"	27'-9"	25'-0"	22'-10"	21'-2"
			4'-6"	31'-9"	27'-9"	25'-0"	21'-6"	18'-3"
5'-0"			31'-9"	26'-11"	21'-1"	17'-5"	14'-9"	
5'-6"			30'-7"	22'-2"	17'-5"	14'-4"	12'-2"	
6'-0"			25'-8"	18'-7"	14'-7"	12'-0"	10'-3"	
6'-6"			21'-10"	15'-10"	12'-5"	10'-3"	8'-8"	
7'-0"			18'-9"	13'-8"	10'-8"	8'-10"	7'-6"	

See notes on page 3.

1 (888) 970-AWIP (2947)  
awippanels.com  
sales@awippanels.com



**All Weather**  
Insulated Panels

IP44 Allowable Load Table (psf) for AL-06 Tee w/ Clevis

Exterior/Interior Profile	Panel Thickness	Panel Weight	Rod Spacing	Uniform Load				
				10 psf	15 psf	20 psf	25 psf	30 psf
Mesa/Mesa Or Mesa/Flat	3"	2.41 psf	4'-0"	15'-10"	13'-6"	11'-11"	10'-8"	9'-9"
			4'-6"	15'-10"	13'-6"	11'-11"	10'-8"	9'-9"
			5'-0"	15'-10"	13'-6"	11'-11"	10'-8"	9'-9"
			5'-6"	15'-10"	13'-6"	11'-11"	10'-8"	9'-9"
			6'-0"	15'-10"	13'-6"	11'-11"	10'-8"	9'-9"
			6'-6"	15'-10"	13'-6"	11'-11"	10'-7"	8'-11"
			7'-0"	15'-10"	13'-6"	11'-2"	9'-1"	7'-8"
	4"	2.62 psf	4'-0"	19'-5"	16'-8"	14'-9"	13'-4"	12'-2"
			4'-6"	19'-5"	16'-8"	14'-9"	13'-4"	12'-2"
			5'-0"	19'-5"	16'-8"	14'-9"	13'-4"	12'-2"
			5'-6"	19'-5"	16'-8"	14'-9"	13'-4"	12'-2"
			6'-0"	19'-5"	16'-8"	14'-9"	12'-4"	10'-5"
			6'-6"	19'-5"	16'-6"	12'-10"	10'-6"	8'-10"
			7'-0"	19'-5"	14'-2"	11'-0"	9'-0"	7'-8"
	5"	2.82 psf	4'-0"	22'-8"	19'-7"	17'-5"	15'-9"	14'-6"
			4'-6"	22'-8"	19'-7"	17'-5"	15'-9"	14'-6"
			5'-0"	22'-8"	19'-7"	17'-5"	15'-9"	14'-6"
			5'-6"	22'-8"	19'-7"	17'-5"	14'-7"	12'-4"
			6'-0"	22'-8"	19'-2"	14'-11"	12'-3"	10'-4"
			6'-6"	22'-8"	16'-3"	12'-8"	10'-5"	8'-10"
			7'-0"	19'-6"	14'-0"	10'-11"	9'-0"	7'-7"
	6"	2.98 psf	4'-0"	25'-9"	22'-4"	19'-11"	18'-1"	16'-8"
			4'-6"	25'-9"	22'-4"	19'-11"	18'-1"	16'-8"
			5'-0"	25'-9"	22'-4"	19'-11"	17'-7"	14'-11"
			5'-6"	25'-9"	22'-4"	17'-8"	14'-6"	12'-4"
			6'-0"	25'-9"	19'-0"	14'-10"	12'-2"	10'-4"
			6'-6"	22'-4"	16'-2"	12'-7"	10'-4"	8'-9"
			7'-0"	19'-3"	13'-11"	10'-10"	8'-11"	7'-7"
	8"	3.31 psf	4'-0"	31'-4"	27'-4"	24'-6"	22'-5"	20'-0"
			4'-6"	31'-4"	27'-4"	24'-6"	21'-6"	18'-3"
5'-0"			31'-4"	26'-11"	21'-1"	17'-5"	14'-9"	
5'-6"			30'-7"	22'-2"	17'-5"	14'-4"	12'-2"	
6'-0"			25'-8"	18'-7"	14'-7"	12'-0"	10'-3"	
6'-6"			21'-10"	15'-10"	12'-5"	10'-3"	8'-8"	
7'-0"			18'-9"	13'-8"	10'-8"	8'-10"	7'-6"	

See notes on page 3.

1 (888) 970-AWIP (2947)  
awippanels.com  
sales@awippanels.com



**All Weather**  
Insulated Panels

Notes:

1. Allowable loads are live loads only. Self Weight of panels and aluminum tees have been taken into consideration.
2. Table is based on values derived from transverse load testing per ASTM E72 and strength of ceiling tee.
3. Panel properties are based on **26 gauge exterior** and **26 gauge interior** facings. Inquire about other gauges.
4. The Deflection Limit is L/180.
5. Safety Factor = 2.5 for buckling, 3.0 for core shear, 3.0 for hangar rod connection to tee.
6. The aluminum tee was designed in accordance with the 2015 Aluminum Design Manual.
7. Table applicable for ambient, controlled environment and cold storage applications. Inquire about hot rooms.
8. The strength of the hangar rods and its connection to the ceiling support structure must be engineered by a licensed engineering professional.
9. Collateral Loads must be directly supported by the building framing and not by the ceiling panels.
10. Consult your AWIP representative for project specific calculations.
11. Load tables are subject to change without notice - visit [www.awipanel.com](http://www.awipanel.com) for the latest information.



**All Weather**  
Insulated Panels

1 (888) 970-AWIP (2947)  
[awipanel.com](http://awipanel.com)  
[sales@awipanel.com](mailto:sales@awipanel.com)



Scan for the most current  
product information



In accordance with ongoing efforts to improve our products and their performance, All Weather Insulated Panels reserves the right to change without notice the specifications contained herein. The contents herein are for general information and illustrative purposes only and are not intended to serve as any type of advice. Every effort is made to ensure the accuracy of the information included in this brochure and it is believed that the information contained herein is accurate and reliable as of the date of this publication. All Weather Insulated Panels does not warrant or represent the accuracy or reliability of any information included in this collateral. Any reliance of any information without consultation with All Weather Insulated Panels or a duly authorized representative shall be at the user's own risk. Copyright 2024 All Weather Insulated Panels – All rights reserved.