



Chicago Metallic® 4000 Tempra™ 9/16" Exposed

Primary Applications:

Hospitals, hospitality, retail, airports, transit, galleries, offices.

Features and Benefits:

- ICC-ES 2631
- Stab end cross tees meet Seismic D, E, F requirements
- Custom module and color available.
- The industry standard of compatibility: acoustical tile, light fixtures and air diffusers.

- Chicago Metallic suspension systems meet a Class-A flame spread rating in accordance with ASTM standard E1264-08.
- Quick access to ceiling plenum.
- Cost and visual control.
- Minimum 25% recycled content, 100% locally recyclable, global/regional manufacture.

PRODUCTS

Main Tees		Wall Angles	
	<p>Double web construction, 9/16" width, and 1-5/8" heights.</p>		<p>Wall Angle, two hemmed edges (A x B):</p> <ul style="list-style-type: none"> <input type="checkbox"/> 21420.01 (144", 15/16" x 15/16") <input type="checkbox"/> 1480.01 (144", 15/16" x 9/16") <input type="checkbox"/> 1420.01 (144", 15/16" x 15/16")
<p>For Modules Sized (24 x 24, 24 x 48)</p> <ul style="list-style-type: none"> <input type="checkbox"/> 4000.01CZ (144", slots 6" OC, ID) <input type="checkbox"/> 4040.01CH* (144", slots 6" OC, HD) <input type="checkbox"/> 4001.01CH (120", slots 10" OC, ID) 		<p>Note: Cross tees are override design, with stab-in end detail, unless noted otherwise. Hook end tees are suitable for seismic Zones 1 and 2 Only. Butt-cut tees are used for true, flat panel installation, i.e., metal panels.</p>	
Cross Tees			
	<p>Double web construction, 9/16" width, 1-1/2" height. Stab-in end detail.</p>		
<p>For Modules Sized (24 x 24, 24 x 48)</p> <ul style="list-style-type: none"> <input type="checkbox"/> 4004.01CZ (4", no slots, stab end) <input type="checkbox"/> 4006.01CZ (6", no slots, stab end) <input type="checkbox"/> 4022.01CZ (24", no slots, stab end) <input type="checkbox"/> 4014.01CZ (48", slots 12" OC, stab end) <input type="checkbox"/> *4017.01CH (72", slotw 24" OC, Stab End) <input type="checkbox"/> *4018.01CH (96", Slots 24" OC, Stab End) <input type="checkbox"/> 4032.01CZ (24", no slots, hook end, butt-cut) <input type="checkbox"/> 4034.01CZ (48", slot 24" OC, hook end, butt-cut) <p>For Modules Sized (20 x 60)</p> <ul style="list-style-type: none"> <input type="checkbox"/> 4020.01CZ (20", no slots) <input type="checkbox"/> 4015.01CH (60", slots 10" OC) 			

* Wires required at mid point for loads exceeding weight of Rockfon Tile

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MATERIAL

A. General

ASTM C 635 Heavy Duty (HD) and Intermediate Duty (ID) main tee classifications; commercial quality steel, hot-dip galvanized body and cap, 9/16" width, 1-1/2" and 1-5/8" heights.

Note: A metallurgist should be consulted regarding the suitability of this product for the environmental conditions in which it is being installed.

COMPONENT LOAD TEST DATA (based on 1/360 span deflection)

ALLOWABLE LOAD per ASTM C635 [■]					
Main Tee	Length	Hanger Spacing			
		4'	5'	6'	
4000	12'	ID	6.4	3.8	
4040	12'	HD	8.8	5.3	
4001	10'	ID	6.4	3.8	
Cross Tee	Length	2'	3'	4'	5'
4022	2'	24.5 [▲]			
4032	2'	24.5 [▲]			
4014	4'			12.9	
4034	4'			12.9	
4015	5'				6.5
4017	6'		27.3 ^{*▲}		
4018	8'			12.5 ^{*▲}	

■ To convert data into lb/ft², divide on center spacing of component into lb/ft.

▲ Limited by safety factor of 2.

* Wire at mid-point of member

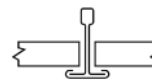
Note: For 6' and 8' span with no hanger support at mid-point of member please contact Technical Services

LIGHT FIXTURE LOAD TEST DATA (based on 1/360 span deflection)

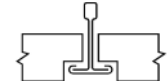
LIGHT FIXTURES	MAIN & CROSS TEES - ALLOWABLE FIXTURE WT. - LBS.		
	Dimensions	4000CZ 4014CZ	4000CZ 4015CH
1' x 4'	42.4	45.6	
2' x 2'	38.8		
2' x 4'	49.6	44.0 [▲]	
20" x 48"			35.0
20" x 60"			35.0

DETAILS

square edge



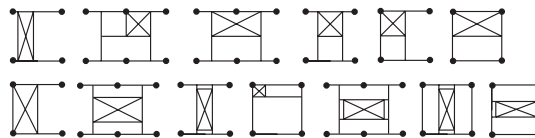
reveal edge



NON-FIRE RATED ASSEMBLIES

Hanger Positions for Non-Fire Rated Situations

This illustrates hanger positions for single fixtures in a field. Provide extra hangers for tandem fixtures.



ROXUL
Rockfon®

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