



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, 1-1/2" and 1-5/8" heights.</p>	<p>For Modules Sized (24 x 24, 24 x 48)</p> <ul style="list-style-type: none"> □ 4000.01CH (144", slots 6" OC, ID) □ 4040.01CH* (144", slots 6" OC, HD) 	<p>two hemmed edges</p>	<p>Wall Angle, two hemmed edges (A x B):</p> <ul style="list-style-type: none"> □ 21420.01 (144", 15/16" x 15/16") □ 1480.01 (144", 15/16" x 9/16") □ 1420.01 (144", 15/16" x 15/16")
Cross Tees		Shadow Moldings		
	<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"> □ 4022.01CH (24", no slots, stab end) □ 4014.01CH (48", slots 12" OC, stab end) □ 4032.01CH (24", no slots, snap-in, butt-cut, stab end) □ 4034.01CH (48", slot 24" OC, snap-in, butt-cut, stab end) <p>For Modules Sized (20 x 60)</p> <ul style="list-style-type: none"> □ 4020.01CH (20", no slots) □ 4015.01CH (60", slots 10" OC) 	<p>1460, 1461/1469 one/two hemmed edge</p>	<p>Shadow Moldings, one hemmed edge (A x B x C x D)</p> <ul style="list-style-type: none"> □ 1460.01 (120", 3/8" x 3/4" x 3/8" x 3/4") □ 1461.01 (120", 3/4" x 3/4" x 3/4" x 3/4") □ 1469.01 (120", 15/16" x 3/8" x 3/8" x 9/16")
			<p>1466 two hemmed edges</p>	<p>Shadow Molding, two hemmed edges (A x B x C x D)</p> <ul style="list-style-type: none"> □ 1466.01 (144", 1-3/4" x 3/4" x 1/4" x 1-1/4")

Note: Cross tees are override design, with stab-in end detail, unless noted otherwise. Snap-in tees are suitable for seismic Zones 1 and 2 Only. Butt-cut tees are used for true, flat panel installation, i.e., metal panels.

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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'	
4000CH	12'	ID	6.4	3.8	
4040CH	12'	HD	8.8	5.3	
4001CH	10'	ID	6.4	3.8	
Cross Tee	Length	2'	3'	4'	5'
4022CH	2'	24.5 [▲]			
4032CH	2'	24.5 [▲]			
4014CH	4'			12.9	
4034CH	4'			12.9	
4015CH	5'				6.5

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

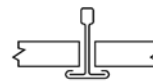
[▲]Limited by safety factor of 2.

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

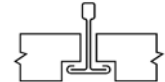
LIGHT FIXTURES Dimensions	MAIN & CROSS TEES - ALLOWABLE FIXTURE WT. - LBS.		
	4040CH 4014CH	4000CH 4015CH	4001CH 4015CH
1' x 4'	42.4	45.6	
2' x 2'	38.8		
2' x 4'	49.6	44.0 [▲]	
20" x 48"		35.0	35.0
20" x 60"		35.0	35.0

DETAILS

square edge



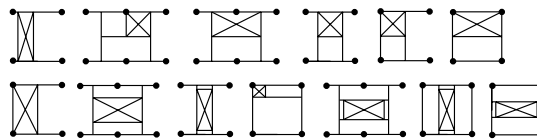
reveal edge



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.



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