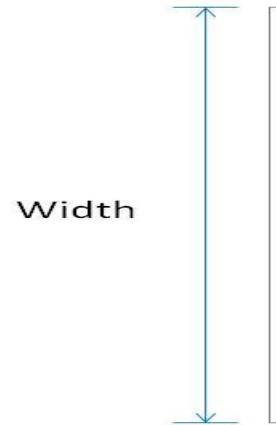


**Member Designator**     **400FS-54**

Coating                      CP60

### Physical Properties

Design Thickness         0.0566 in  
 Mil                            54 mil  
 Gauge                        16 Gauge  
 Width                        4.00 in  
 Yield Strength             33 ksi  
 Weight Per Foot         0.769 lb/ft



Leg Length	Thickness (mils)	Gauge	Length
1"			10' or custom lengths
1-1/2"			
2"	18	25	
3"	27	22	
4"	30	20D	
5"	33	20S	
6"	43	18	
7"	54	16	
8"	68	14	
9"	97	12	
10"			
11"			
12"			

### General Notes

- Physical properties and load tables have been calculated in conformance with the 2001 NASPEC for the Design of Cold-Formed Steel Structural Members, including the 2004 Supplement, and the IBC 2006, unless noted otherwise.
- All structural framing members have a protective coating conforming to ASTM C 955.
- Reference ASTM specification A 1003/A 1003 M table 1 for the universe of allowable coatings for light gauge steel framing.
- Stud/joists are manufactured to custom lengths. Stud/joists are manufactured with punched webs unless otherwise specified at time of order.
- Track is produced in standard lengths of 10 feet unless a custom track length is indicated. Track is manufactured with unpunched webs.
- Structural framing members are marked with product information per the requirements of ASTM C 955 section 12.
- All delivered material must be kept dry, preferably by being stored inside a building under a roof. If it is necessary to store material outside, it must be stacked off the ground, properly supported on a level platform, and fully protected from the weather. Reference ASTM C 754 section 8 and ASTM C 1007 section 4.

### LEED Green Building Credits

- MR Credit 2: Construction Waste Management – MBA steel framing is 100% recyclable.  
 MR Credit 4: Recycled Content – MBA steel framing is formed from no less than 25.5% post-consumer and 6.8% pre-consumer recycled content.  
 MR Credit 5: Regional Materials – MBA has manufacturing facilities in multiple states.