

**Miscellaneous Shapes  
Miscellaneous Channels  
CAFCO BLAZE-SHIELD II, HP**

| ASTM Desig. | Weight | W/D  | Metric Desig. | M/D  | Hp/A  | 1-Hour | 1-1/2 Hour | 2-Hour  | 3-Hour  | 4-Hour |
|-------------|--------|------|---------------|------|-------|--------|------------|---------|---------|--------|
| MC18 x      | 58     | 1.13 | 460 x 86      | 66.7 | 116.8 | 9/16   | 7/8        | 1-1/8   | 1-11/16 | 2-1/8  |
|             | 51.9   | 1.02 | x 77          | 60.2 | 129.4 | 5/8    | 15/16      | 1-3/16  | 1-11/16 | 2-1/8  |
|             | 45.8   | 0.90 | x 68          | 53.1 | 146.7 | 11/16  | 1          | 1-1/4   | 1-11/16 | 2-1/8  |
|             | 42.7   | 0.84 | x 64          | 49.6 | 157.1 | 11/16  | 1          | 1-1/4   | 1-11/16 | 2-1/8  |
| MC13 x      | 50     | 1.19 | 330 x 74      | 70.2 | 110.9 | 9/16   | 13/16      | 1-1/8   | 1-5/8   | 2-1/8  |
|             | 40     | 0.97 | x 60          | 57.2 | 136.1 | 5/8    | 15/16      | 1-1/4   | 1-11/16 | 2-1/8  |
|             | 35     | 0.86 | x 52          | 50.7 | 153.5 | 11/16  | 1          | 1-1/4   | 1-11/16 | 2-1/8  |
|             | 31.8   | 0.78 | x 47          | 46.0 | 169.2 | 11/16  | 1-1/16     | 1-7/16  | 1-7/8   | 2-5/16 |
| MC12 x      | 50     | 1.28 | 310 x 74      | 75.5 | 103.1 | 9/16   | 13/16      | 1-1/16  | 1-9/16  | 2-1/16 |
|             | 45     | 1.17 | x 67          | 69.0 | 112.8 | 9/16   | 7/8        | 1-1/8   | 1-11/16 | 2-1/8  |
|             | 40     | 1.05 | x 60          | 62.0 | 125.7 | 5/8    | 7/8        | 1-3/16  | 1-11/16 | 2-1/8  |
|             | 35     | 0.92 | x 52          | 54.3 | 143.5 | 11/16  | 1          | 1-1/4   | 1-11/16 | 2-1/8  |
|             | 31     | 0.82 | x 46          | 48.4 | 161.0 | 11/16  | 1-1/16     | 1-3/8   | 1-7/8   | 2-5/16 |
|             | 10.6   | 0.36 | x 16          | 21.2 | 366.7 | 1-1/4  | 1-13/16    | 2-5/16  | 3-9/16  | NR     |
| MC10 x      | 41.1   | 1.15 | 250 x 61      | 67.9 | 114.8 | 9/16   | 7/8        | 1-1/8   | 1-11/16 | 2-1/8  |
|             | 33.6   | 0.96 | x 50          | 56.6 | 137.5 | 5/8    | 15/16      | 1-1/4   | 1-11/16 | 2-1/8  |
|             | 28.5   | 0.83 | x 42          | 49.0 | 159.0 | 11/16  | 1          | 1-1/4   | 1-11/16 | 2-1/8  |
|             | 25     | 0.77 | x 37          | 45.4 | 171.4 | 11/16  | 1-1/16     | 1-7/16  | 1-7/8   | 2-5/16 |
|             | 22     | 0.68 | x 33          | 40.1 | 194.1 | 11/16  | 1-1/8      | 1-7/16  | 1-7/8   | 2-5/16 |
|             | 8.4    | 0.33 | x 12          | 19.5 | 400.0 | 1-1/4  | 1-13/16    | 2-5/16  | 3-9/16  | NR     |
| MC9 x       | 25.4   | 0.82 | 230 x 38      | 48.4 | 161.0 | 11/16  | 1-1/16     | 1-3/8   | 1-7/8   | 2-5/16 |
|             | 23.9   | 0.78 | x 36          | 46.0 | 169.2 | 11/16  | 1-1/16     | 1-7/16  | 1-7/8   | 2-5/16 |
| MC8 x       | 22.8   | 0.79 | 200 x 34      | 46.6 | 167.1 | 11/16  | 1-1/16     | 1-3/8   | 1-7/8   | 2-5/16 |
|             | 21.4   | 0.75 | x 32          | 44.3 | 176.0 | 11/16  | 1-1/16     | 1-7/16  | 1-7/8   | 2-5/16 |
|             | 20     | 0.74 | x 30          | 43.7 | 178.4 | 11/16  | 1-1/8      | 1-7/16  | 1-7/8   | 2-5/16 |
|             | 18.7   | 0.69 | x 28          | 40.7 | 191.3 | 11/16  | 1-1/8      | 1-7/16  | 1-7/8   | 2-5/16 |
|             | 8.5    | 0.37 | x 13          | 21.8 | 356.8 | 1-1/4  | 1-13/16    | 2-5/16  | 3-9/16  | NR     |
| MC7 x       | 22.7   | 0.83 | 180 x 34      | 49.0 | 159.0 | 11/16  | 1          | 1-1/4   | 1-11/16 | 2-1/8  |
|             | 19.1   | 0.72 | x 28          | 42.5 | 183.3 | 11/16  | 1-1/8      | 1-7/16  | 1-7/8   | 2-5/16 |
| MC6 x       | 18     | 0.72 | 150 x 27      | 42.5 | 183.3 | 11/16  | 1-1/8      | 1-7/16  | 1-7/8   | 2-5/16 |
|             | 16.3   | 0.71 | x 24          | 41.9 | 185.9 | 11/16  | 1-1/8      | 1-7/16  | 1-7/8   | 2-5/16 |
|             | 15.3   | 0.61 | x 23          | 36.0 | 216.4 | 11/16  | 1-1/8      | 1-9/16  | 2-3/8   | 3-3/16 |
|             | 15.1   | 0.66 | x 22          | 38.9 | 200.0 | 11/16  | 1-1/8      | 1-9/16  | 2-5/16  | 3-1/16 |
|             | 12     | 0.56 | x 18          | 33.0 | 235.7 | 7/8    | 1-1/4      | 1-11/16 | 2-1/2   | 3-5/16 |