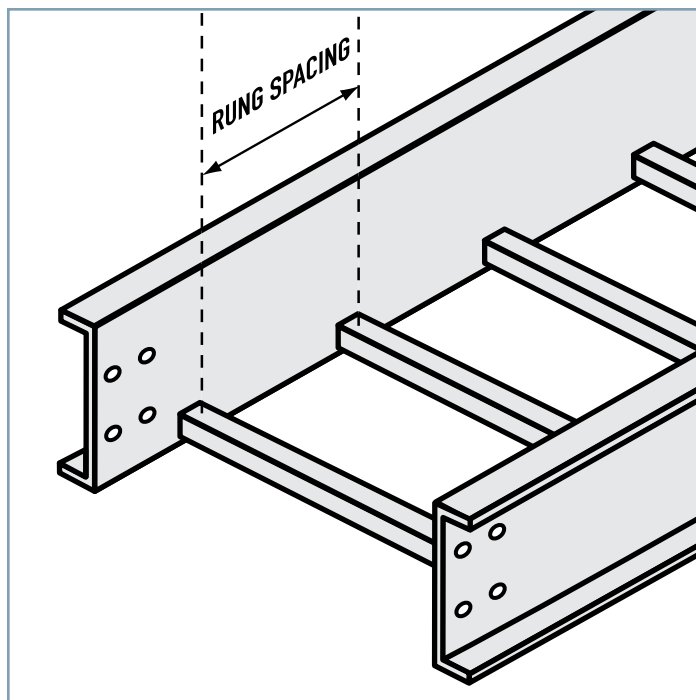


AISI Type 304L

**L**

### GENERAL INFORMATION

|                        |                                   |
|------------------------|-----------------------------------|
| <b>NEMA TRAY TYPE:</b> | Two Rail Ladder                   |
| <b>NEMA CLASS:</b>     | 20B, 16C                          |
| <b>MATERIAL:</b>       | AISI Type 304L<br>Stainless Steel |
| <b>SIDE RAIL:</b>      | 5" high with<br>1 3/4" top flange |
| <b>LOAD DEPTH:</b>     | 4"                                |
| <b>BOTTOM:</b>         | 1" wide box rung                  |
| <b>FINISH:</b>         | Plain                             |
| <b>CONSTRUCTION:</b>   | Arc welded                        |
| <b>TRAY SERIES:</b>    | Series 2 (5" tangent)             |

### ENGINEERING INFORMATION

**TRAY DESIGN:** Construction and markings are per the latest edition of NEMA Standards Pub. VE1.

**TRAY GROUNDING CAPABILITY:** None. The N.E.C. does not recognize stainless steel cable tray as an equipment ground conductor.

**CONNECTORS:** Supplied in pairs with hardware. Splice resistance is less than 0.00033 ohms. Standard hardware: 3/8 in. type 316 stainless steel.

#### MECHANICAL PROPERTIES:

One rail:  $I x-x = 2.3334in^3$   $S x-x = 1.0632in^4$

| TRAY WIDTH (IN.) | TRAY WEIGHT* (LBS./FT.) |
|------------------|-------------------------|
| 6                | 4.15                    |
| 9                | 4.32                    |
| 12               | 4.49                    |
| 18               | 4.83                    |
| 24               | 5.17                    |
| 30               | 6.03                    |
| 36               | 6.48                    |

\*Based on 9" rung spacing

### SAFE LOAD DATA (LBS./FT.) / SUPPORT SPAN (FT.) / DEFLECTION (IN.)

| 6   |      | 8   |      | 10  |      | 12  |      | 14  |      | 16  |      | 18 |      | 20 |      | 22 |      | 24 |      | 26 |  | 28 |  | 30 |  |
|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|----|------|----|------|----|------|----|------|----|--|----|--|----|--|
| 564 | 0.16 | 469 | 0.42 | 300 | 0.66 | 208 | 0.95 | 153 | 1.29 | 117 | 1.69 | 93 | 2.14 | 75 | 2.64 | 61 | 3.14 | 48 | 3.51 |    |  |    |  |    |  |

### CATALOG NUMBERING EXAMPLE:

| 09 - 3550 - 0020 - 36   |                           |                         |              |
|-------------------------|---------------------------|-------------------------|--------------|
| <b>Bottom Type</b>      | <b>Tray System Number</b> | <b>Length</b>           | <b>Width</b> |
| 06 - 6" Rung Spacing    |                           | 0010 - 10'-0"           | 06 - 6"      |
| 09 - 9" Rung Spacing*   |                           | 0012 - 12'-0"           | 09 - 9"      |
| 12 - 12" Rung Spacing   |                           | 0020* - 20'-0"          | 12 - 12"     |
| 18 - 18" Rung Spacing   |                           | 0024 - 24'-0"           | 18 - 18"     |
| * Standard rung spacing |                           | * Standard for Series 2 | 24 - 24"     |
|                         |                           |                         | 30 - 30"     |
|                         |                           |                         | 36 - 36"     |

### Legrand/Cablofil

Phone 800-658-4641

618-566-3230

Fax 618-566-3250

8319 State Route 4

Mascoutah, IL 62258 USA

Publication Date: 3/10

Copyright © 2010 Legrand/Cablofil