

# Alro Color Codes



Metals Identification Guide last updated May 1, 2025



America's Premier Metals & Plastics Service Center



# Alro Steel

## Metals & Plastics



[alro.com](http://alro.com)

Since 1948



# Metal Color Codes

## Table of Contents

|                                                     |       |
|-----------------------------------------------------|-------|
| Carbon Steel Bar .....                              | 3     |
| Tool Steel .....                                    | 3     |
| High Speed Tool Steel .....                         | 3     |
| Chrome Bar .....                                    | 3     |
| Aluminum .....                                      | 4     |
| Stainless Steel .....                               | 4     |
| Alloys .....                                        | 5     |
| Brass .....                                         | 5     |
| Bronze .....                                        | 5     |
| Cast Iron .....                                     | 5     |
| Copper .....                                        | 5     |
| Rerod .....                                         | 5     |
| Carbon Steel Plate .....                            | 6     |
| Carbon Steel Sheet .....                            | 6     |
| Expanded Metal Grating .....                        | 6     |
| Thicknesses .....                                   | 7     |
| Gauges (aluminum sheet equivalent in decimal) ..... | 7     |
| Epox Z Kote® Tubing .....                           | 7     |
| Wide Flange Beams .....                             | 8     |
| I Beams .....                                       | 9     |
| Junior Beams .....                                  | 9     |
| Junior Channels .....                               | 9     |
| Channels A-36 .....                                 | 9     |
| 1045 Channels .....                                 | 10    |
| A572 Gr. 50 Channels .....                          | 10    |
| Ship & Car Channels .....                           | 10    |
| Pipe .....                                          | 11    |
| Round Tubing .....                                  | 11    |
| Revisions .....                                     | 12-14 |

**Digital PDF - Click on any item above to be taken to that page.**

**CONTROLLED**

## Carbon Steel Bar

|                                                                                                                                         |                                                                                                                     |                                                                                                                                                     |                                                                                                                           |                                                                                                                                            |                                                                                                                         |                                                                                                                                  |                                                                                                                         |                                                                                                                                |                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <br><b>Orange</b><br>1008<br>Strip Mill                 | <br><b>Yellow</b><br>C1018         | <br><b>Aqua<br/>Lt. Blue</b><br>1022                               | <br><b>Pink<br/>Red</b><br>1035          | <br><b>Aqua<br/>Gold</b><br>1038                          | <br><b>Aqua<br/>Pink</b><br>1042       | <br><b>Black</b><br>C1045                      | <br><b>Aqua<br/>White</b><br>10L50   | <br><b>Gold<br/>Black</b><br>1060           | <br><b>Beige<br/>Red</b><br>1090 |
| <br><b>Dark<br/>Blue</b><br>C1117                       | <br><b>Pink<br/>Gray</b><br>C11L17 | <br><b>Fluorescent<br/>Green</b><br>C1137                          | <br><b>Lt. Blue<br/>Yellow</b><br>C11L37 | <br><b>Fluorescent<br/>Pink</b><br>C1141                  | <br><b>Pink<br/>Silver</b><br>11L41    | <br><b>Light<br/>Blue</b><br>1144              | <br><b>Brown<br/>Green</b><br>C11L44 | <br><b>Dark<br/>Blue<br/>Purple</b><br>1213 | <br><b>Red</b><br>C12L14         |
| <br><b>Red<br/>Fluorescent<br/>Red</b><br>C12L14+<br>SE | <br><b>Silver</b><br>C1215         | <br><b>Beige</b><br>A311<br>Class B<br>(Stressproof <sup>®</sup> ) | <br><b>Red<br/>Orange</b><br>M1044       | <br><b>Dark<br/>Blue<br/>Lt. Blue</b><br>Chrome<br>Plated | <br><b>Purple</b><br>Fatigue-<br>proof | <br><b>White</b><br>Super<br>1200 <sup>®</sup> | <br><b>Dark<br/>Green</b><br>A-36    | <br><b>Yellow<br/>Pink</b><br>HR 1018       |                                                                                                                     |

## Tool Steel

|                                                                                                                        |                                                                                                                                               |                                                                                                                              |                                                                                                                     |                                                                                                                               |                                                                                                                         |                                                                                                                             |                                                                                                                                  |                                                                                                                                                |                                                                                                                               |
|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <br><b>Pink</b><br>A-2                | <br><b>Black<br/>Dark<br/>Blue</b><br>A2 Stress<br>Relieved | <br><b>Yellow<br/>Dark<br/>Blue</b><br>A-6 | <br><b>Black<br/>Red</b><br>A-8   | <br><b>Dark<br/>Blue<br/>Silver</b><br>A-10 | <br><b>Green<br/>Lt. Blue</b><br>A-11 | <br><b>Fluorescent<br/>Orange</b><br>D-2 | <br><b>Green<br/>Red</b><br>D-3              | <br><b>Lt. Blue<br/>Brown</b><br>D-5                       | <br><b>Beige<br/>Dark<br/>Blue</b><br>D-7 |
| <br><b>Purple<br/>White</b><br>L-6   | <br><b>Green</b><br>O-1                                    | <br><b>Dark<br/>Blue</b><br>O-2           | <br><b>Red<br/>Silver</b><br>O-6 | <br><b>Dark<br/>Green</b><br>S-2           | <br><b>Brown</b><br>S-7              | <br><b>Orange<br/>Black</b><br>W-2      | <br><b>Dark<br/>Blue<br/>Orange</b><br>H-13 | <br><b>Green<br/>White</b><br>Viscount<br>44 <sup>®</sup> | <br><b>Yellow<br/>Green</b><br>ESR S-7   |
| <br><b>Orange<br/>Purple</b><br>P-20 | <br><b>Purple<br/>Brown</b><br>S-1                         | <br><b>Red<br/>White</b><br>S-3           | <br><b>Green<br/>Gray</b><br>S-5 | <br><b>Dark<br/>Blue<br/>Gray</b><br>DC-53 | <br><b>Pink<br/>Black</b><br>A-2363  | <br><b>Orange<br/>Pink</b><br>Staminal  | <br><b>Black<br/>Lt. Blue</b><br>DRM1       | <br><b>Aqua<br/>Green</b><br>DRM3                         |                                                                                                                               |

## Chrome Bar

|                                                                                                                                                                               |                                                                                                                                                                                     |                                                                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>Orange<br/>Tape</b><br>1045<br>Chrome Bar<br>75K min.<br>yield / .0005<br>min. plate | <br><b>Yellow<br/>Tape</b><br>1045/1050<br>Chrome Bar<br>100K min.<br>yield / .001<br>min. plate | <br><b>Blue<br/>Tape</b><br>1045/1050<br>Chrome Bar<br>IHCP<br>100K min.<br>yield / .001<br>min. plate |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## High Speed Tool Steel

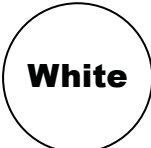
|                                                                                                                     |                                                                                                                      |                                                                                                                       |                                                                                                                        |                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <br><b>Aqua<br/>Black</b><br>M-2 | <br><b>Gray<br/>Orange</b><br>M-3 | <br><b>Black<br/>Brown</b><br>M-4 | <br><b>White<br/>Gold</b><br>M-42 | <br><b>Gold<br/>Pink</b><br>T-15 |
|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|

Note: Color codes are subject to change at any time without notice. If you have any questions concerning our color codes, please contact your local Alro Sales Representative.

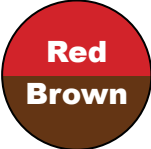
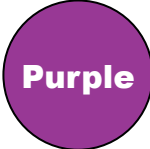
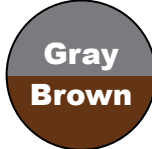
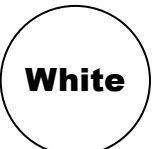
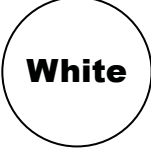
**CONTROLLED**

August 16, 2016 Rev. "J"

# Aluminum

|                                                                                                                   |                                                                                                                               |                                                                                                                                         |                                                                                                                       |                                                                                                                                        |                                                                                                                        |                                                                                                                              |                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <br><b>Brown</b><br>2011         | <br><b>Beige</b><br>2017-T4                  | <br><b>Red</b><br>2024                                 | <br><b>Green</b><br>3003             | <br><b>Orange<br/>Green</b><br>3105                   | <br><b>Brown</b><br>5052            | <br><b>Pink<br/>Dark<br/>Blue</b><br>5083 | <br><b>Yellow<br/>Orange</b><br>5086  |
| <br><b>Dark<br/>Gray</b><br>6013 | <br><b>Aqua</b><br>6005                      | <br><b>Dark<br/>Blue</b><br>6061<br>Domestic           | <br><b>Orange<br/>Purple</b><br>6061 | <br><b>White</b><br>CF 6061                           | <br><b>Black<br/>Yellow</b><br>6042 | <br><b>Yellow</b><br>6063                 | <br><b>Orange</b><br>6262<br>Extruded |
| <br><b>Gold</b><br>CF 6262       | <br><b>Red<br/>Aqua</b><br>Alumold /<br>QC-7 | <br><b>Pink</b><br>Tool & Jig<br>Plate<br>K100S/ALCA 5 | <br><b>Black</b><br>7075             | <br><b>Orange</b><br>Cast Mold<br>Plate<br>MAX 5 / M5 | <br><b>Lt. Blue</b><br>Mic 6        | <br><b>Purple</b><br>M1                   | <br><b>Aqua<br/>Gold</b><br>1100-H14  |

# Stainless Steel

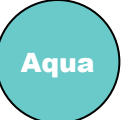
|                                                                                                                     |                                                                                                                                |                                                                                                                           |                                                                                                                                         |                                                                                                                                      |                                                                                                                                  |                                                                                                                           |                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <br><b>Red<br/>Brown</b><br>201   | <br><b>Dark<br/>Blue</b><br>303              | <br><b>Red</b><br>304                   | <br><b>Purple</b><br>304L                             | <br><b>Red<br/>Gold</b><br>304<br>True Bar         | <br><b>Orange<br/>Red</b><br>309             | <br><b>Yellow</b><br>316              | <br><b>Gray<br/>Brown</b><br>316L           |
| <br><b>Pink</b><br>321           | <br><b>Beige<br/>Pink</b><br>330            | <br><b>White</b><br>347                | <br><b>Green<br/>Yellow</b><br>409                   | <br><b>Black</b><br>410                           | <br><b>Pink<br/>Green</b><br>416            | <br><b>Green<br/>White</b><br>416R   | <br><b>Red<br/>White</b><br>420            |
| <br><b>Aqua<br/>Black</b><br>430 | <br><b>Orange<br/>Pink</b><br>439           | <br><b>Black<br/>Purple</b><br>440A    | <br><b>Lt. Blue</b><br>440C                          | <br><b>Brown<br/>Gold</b><br>440F                 | <br><b>Green</b><br>2B Finish               | <br><b>Gold</b><br>#3 Finish         | <br><b>Black</b><br>#4 Finish              |
| <br><b>White</b><br>#8 Finish    | <br><b>Fluorescent<br/>Green</b><br>15-5 PH | <br><b>Orange<br/>Black</b><br>17-4 PH | <br><b>Dark<br/>Blue<br/>Gold</b><br>17-4 PH<br>H900 | <br><b>Aqua<br/>Silver</b><br>17-4 PH<br>Annealed | <br><b>Red<br/>Aqua</b><br>17-4 PH<br>H1150 | <br><b>Gold<br/>Yellow</b><br>HH1150 | <br><b>Green<br/>Dark<br/>Blue</b><br>2205 |

Note: Color codes are subject to change at any time without notice. If you have any questions concerning our color codes, please contact your local Alro Sales Representative.

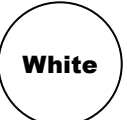
**CONTROLLED**

May 1, 2025 Rev. "Y"

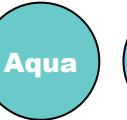
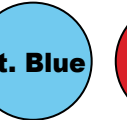
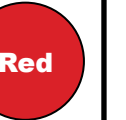
## Alloys

|                                                                                                                            |                                                                                                                                |                                                                                                                                  |                                                                                                                       |                                                                                                                             |                                                                                                                       |                                                                                                                                  |                                                                                                                                           |                                                                                                                             |                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <br><b>Gold</b><br>4140<br>HRA & CF        | <br><b>Black White</b><br>4140<br>HT DCF/QT   | <br><b>Red Gray</b><br>4140<br>CF Q&T           | <br><b>Purple</b><br>4140<br>ANN DCF | <br><b>Brown Gold</b><br>4140<br>as Rolled | <br><b>Yellow Purple</b><br>41L40    | <br><b>Dark Blue Silver</b><br>4145M<br>HR Q&T | <br><b>White</b><br>4150<br>Q&T SR                     | <br><b>Pink White</b><br>4150R<br>GBQ    | <br><b>Brown Yellow</b><br>4150<br>HRA |
| <br><b>Orange White</b><br>41L50           | <br><b>Purple Aqua</b><br>52100               | <br><b>Green Red</b><br>6150<br>HRA             | <br><b>Aqua</b><br>8620<br>HR & CF   | <br><b>Brown Orange</b><br>8620H           | <br><b>Dark Blue Green</b><br>86L20  | <br><b>Green Silver</b><br>8620<br>w/bismuth   | <br><b>Orange Yellow</b><br>8620 HR<br>Calcium Treated | <br><b>Gray Black</b><br>E9310           | <br><b>Brown White</b><br>ETD 150      |
| <br><b>Black Green</b><br>4130<br>Annealed | <br><b>Silver Yellow</b><br>4130<br>as Rolled | <br><b>Beige Lt. Blue</b><br>4130<br>Normalized | <br><b>Beige Purple</b><br>4320      | <br><b>Dark Blue Pink</b><br>4340 AQ       | <br><b>Red Yellow</b><br>4340<br>HRA | <br><b>Yellow White</b><br>4340<br>HR Q&T      | <br><b>Gold Silver</b><br>5120                         | <br><b>Green Purple</b><br>Toolox®<br>44 |                                                                                                                           |

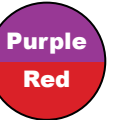
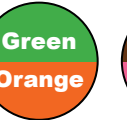
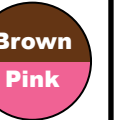
## Brass

|                                                                                                               |                                                                                                                      |                                                                                                                                  |                                                                                                                 |                                                                                                               |                                                                                                                       |                                                                                                                                            |                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <br><b>Black</b><br>260 Soft | <br><b>White</b><br>260<br>1/4 Hard | <br><b>Fluorescent Green</b><br>260<br>1/2 Hard | <br><b>Yellow White</b><br>345 | <br><b>Green Gold</b><br>353 | <br><b>Red</b><br>C360<br>Half-Hard | <br><b>Aqua Pink</b><br>C360<br>Half-Hard (import only) | <br><b>Orange</b><br>464<br>Naval |
|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|

## Bronze

|                                                                                                                |                                                                                                                                |                                                                                                                         |                                                                                                                                         |                                                                                                          |
|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| <br><b>Yellow</b><br>660/932 | <br><b>White</b><br>C954<br>Aluminum Bronze | <br><b>Aqua</b><br>510<br>Phosphoric | <br><b>Lt. Blue</b><br>630 Ext NI<br>Aluminum Bronze | <br><b>Red</b><br>959 |
|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|

## Cast Iron

|                                                                                                                                       |                                                                                                                                          |                                                                                                                               |                                                                                                                                  |                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>Orange Gold</b><br>80-55-06<br>Ductile Iron | <br><b>Yellow Beige</b><br>65-45-12<br>Ductile Iron | <br><b>Purple Red</b><br>G2<br>Gray Iron | <br><b>Green Orange</b><br>G2S<br>Gray Iron | <br><b>Brown Pink</b><br>75-55-15<br>Ductile Iron |
|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|

## Copper

|                                                                                                            |                                                                                                                               |                                                                                                                             |                                                                                                                                          |                                                                                                                                  |                                                                                                                                 |                                                                                                                               |                                                                                                                            |                                                                                                              |                                                                                                                                |
|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <br><b>Silver</b><br>110 | <br><b>Black Silver</b><br>110<br>1/4 Hard | <br><b>Pink White</b><br>110<br>1/2 Hard | <br><b>Fluorescent Green</b><br>145<br>Tellurium Soft | <br><b>Brown</b><br>145<br>Tellurium 1/4 Hard | <br><b>Pink</b><br>145<br>Tellurium 1/2 Hard | <br><b>Aqua Green</b><br>172<br>Beryllium | <br><b>Dark Blue</b><br>182<br>Chrome | <br><b>Beige</b><br>187 | <br><b>Dark Blue Yellow Dot</b><br>C17510 |
|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|

## Rerod

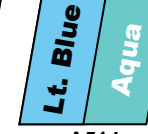
|                                                                                                              |                                                                                                                |                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <br><b>Red</b><br>Ungraded | <br><b>Aqua</b><br>Grade 40 | <br><b>Black</b><br>Grade 60 |
|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|

Note: Color codes are subject to change at any time without notice. If you have any questions concerning our color codes, please contact your local Alro Sales Representative.

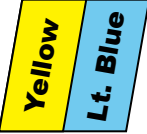
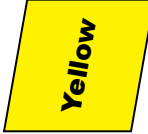
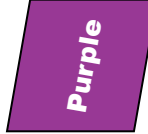
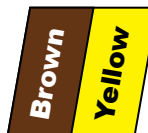
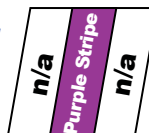
**CONTROLLED**

September 30, 2024 Rev. "U"

## Carbon Steel Plate

|                                                                                   |                                                                                    |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|   |   |  |  |  |  |  |  |  |
| C1119 Modified                                                                    | Clean Cut 20®                                                                      | C1144 Modified                                                                    | A-36                                                                              | A-36 Laser Quality                                                                | 1020                                                                               | 1020 Laser Quality                                                                  | 1045                                                                                | 1060                                                                                |
|   |   |  |  |  |  |  |  |  |
| AR 235                                                                            | AR 360                                                                             | AR 400                                                                            | AR 400F                                                                           | AR 450F                                                                           | AR 500                                                                             | AR 500F                                                                             | AR 600F                                                                             | PVQ A285 Grade C                                                                    |
|   |   |  |  |  |  |  |  |  |
| PVQ A515 Grade 70                                                                 | PVQ A516 Grade 70                                                                  | PVQ A516 Gr. 70, Normalized                                                       | HSLA A588 Corten®                                                                 | A514 Grade B                                                                      | A514 Grade E                                                                       | A514 Grade F                                                                        | A514 Grade H                                                                        | A514 Grade S                                                                        |
|   |   |  |  |  |  |  |  |  |
| A514 Grade Q                                                                      | Manganese                                                                          | A570 Grade 30                                                                     | A572 Grade 50                                                                     | A572, Gr. 50 (Charpy Tested)                                                      | A572 Grade 65                                                                      | A656 Grade 80                                                                       | 46100 Armor                                                                         | 46100 NIJ III Armor                                                                 |
|  |  |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| 100XF                                                                             | A1018 CS Type B                                                                    |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |

## Carbon Steel Sheet

|                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                                                                                                   |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |                                                                               |  |  |
| SCS                                                                                 | CR                                                                                  | Aluminized                                                                          | AKDQ                                                                                | Galvanized G90                                                                                                                                                    | Galvannealed                                                                          | A606 Type 4                                                                           |
|  |  |  |  | <p>Note: If P&amp;O add a Purple Stripe in addition to the grade color.</p>  |                                                                                       |                                                                                       |
| A1011 HSLA Grade 50                                                                 | A1011 HSLA Grade 60                                                                 | A1011 HSLA Grade 80                                                                 | HR A1011 CS, Type B                                                                 | P&O                                                                                                                                                               |                                                                                       |                                                                                       |

## Expanded Metal Grating

|                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |  |
| 3#                                                                                  | 3.14#                                                                               | 4#                                                                                  | 4.27#                                                                               | 5#                                                                                   | 6.25#                                                                                 |

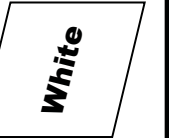
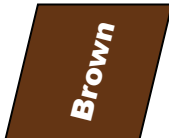
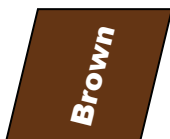
Note: Color codes are subject to change at any time without notice. If you have any questions concerning our color codes, please contact your local Alro Sales Representative.

**CONTROLLED**

November 4, 2021 Rev. "Y"

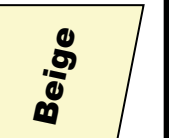
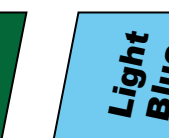
## Thicknesses

Plate • Tubing • Angles • Hot Rolled Strip • Hot Rolled Flats • Bar Channel

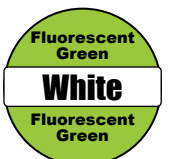
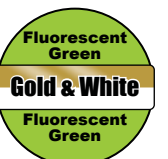
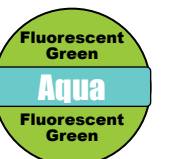
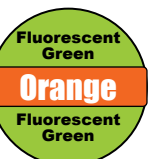
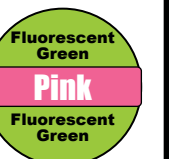
|                                                                                                       |                                                                                                                 |                                                                                                      |                                                                                                       |                                                                                                       |                                                                                                       |                                                                                                          |                                                                                                         |
|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| <br>Dark Blue<br>1/8" | <br>Gold White<br>3/16" (.190) | <br>Aqua<br>1/4"    | <br>Orange<br>5/16"  | <br>Silver<br>3/8"  | <br>Green<br>7/16" | <br>Pink<br>1/2"      | <br>White<br>9/16"   |
| <br>Brown<br>5/8"     | <br>Green<br>3/4"              | <br>Yellow<br>7/8"  | <br>Dark Blue<br>1"  | <br>White<br>1-1/8" | <br>Aqua<br>1-1/4" | <br>Orange<br>1-5/16" | <br>Silver<br>1-3/8" |
| <br>Pink<br>1-1/2"    | <br>Brown<br>1-5/8"            | <br>Green<br>1-3/4" | <br>Yellow<br>1-7/8" | <br>Dark Blue<br>2" |                                                                                                       |                                                                                                          |                                                                                                         |

## Gauges (Aluminum sheet equivalent in decimal)

Sheet • Tubing • Expanded Metal • Gripstrut®

|                                                                                                             |                                                                                                                    |                                                                                                             |                                                                                                               |                                                                                                                   |                                                                                                                 |                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <br>Silver<br>30 Ga.       | <br>Black<br>28 Ga.              | <br>Gold<br>26 Ga. (.020) | <br>Aqua<br>24 Ga. (.025)   | <br>Dark Blue<br>22 Ga. (.032) | <br>Orange<br>20 Ga. (.040) | <br>Beige<br>19 Ga.             |
| <br>Pink<br>18 Ga. (.050) | <br>Dark Green<br>16 Ga. (.063) | <br>Light Blue<br>15 Ga. | <br>White<br>14 Ga. (.080) | <br>Red<br>13 Ga. (.090)      | <br>Brown<br>12 Ga. (.100) | <br>Dark Blue<br>11 Ga. (.125) |
| <br>Yellow<br>10 Ga.      | <br>Purple<br>9 Ga.             | <br>Pink<br>8 Ga. (.160) | <br>Gold<br>7 Ga.          | <br>White<br>6 Ga.            |                                                                                                                 |                                                                                                                     |

## Epox Z Kote® Tubing

|                                                                                                                     |                                                                                                                 |                                                                                                                          |                                                                                                                             |                                                                                                             |                                                                                                                 |                                                                                                                |                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <br>Dark Green<br>16 Gauge (.065) | <br>White<br>14 Gauge (.083) | <br>Dark Blue<br>11 Gauge 1/8" (.125) | <br>Gold & White<br>7 Gauge 3/16" (.188) | <br>Aqua<br>1/4" (.250) | <br>Orange<br>5/16" (.313) | <br>Silver<br>3/8" (.375) | <br>Pink<br>1/2" (.500) |
|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|

Note: Color codes are subject to change at any time without notice. If you have any questions concerning our color codes, please contact your local Alro Sales Representative.

**CONTROLLED**

December 6, 2017 Rev. "G"

# Wide Flange Beams

| White         |     |                 |              |
|---------------|-----|-----------------|--------------|
| Nominal Depth |     | Pounds per Foot | Flange Width |
| 4" X          | 13  | 4.060"          |              |
| 5" X          | 16  | 5.000"          |              |
| 6" X          | 9   | 3.940"          |              |
| 6" X          | 15  | 5.990"          |              |
| 8" X          | 10  | 3.940"          |              |
| 8" X          | 18  | 5.250"          |              |
| 8" X          | 24  | 6.495"          |              |
| 8" X          | 31  | 7.995"          |              |
| 10" X         | 12  | 3.960"          |              |
| 10" X         | 22  | 5.750"          |              |
| 10" X         | 33  | 7.960"          |              |
| 10" X         | 49  | 10.000"         |              |
| 12" X         | 14  | 3.970"          |              |
| 12" X         | 26  | 6.490"          |              |
| 12" X         | 40  | 8.005"          |              |
| 12" X         | 53  | 9.995"          |              |
| 12" X         | 65  | 12.000"         |              |
| 14" X         | 22  | 5.000"          |              |
| 14" X         | 30  | 6.730"          |              |
| 14" X         | 43  | 7.995"          |              |
| 14" X         | 61  | 9.995"          |              |
| 14" X         | 90  | 14.520"         |              |
| 14" X         | 145 | 15.500"         |              |
| 16" X         | 26  | 5.500"          |              |
| 16" X         | 36  | 6.985"          |              |
| 16" X         | 67  | 10.235"         |              |
| 18" X         | 35  | 6.000"          |              |
| 18" X         | 50  | 7.495"          |              |
| 18" X         | 76  | 11.035"         |              |
| 21" X         | 44  | 6.500"          |              |
| 21" X         | 48  | 8.140"          |              |
| 21" X         | 62  | 8.240"          |              |
| 21" X         | 101 | 12.290"         |              |
| 21" X         | 223 | 12.675"         |              |
| 24" X         | 55  | 7.005"          |              |
| 24" X         | 61  | 8.930"          |              |
| 24" X         | 68  | 8.965"          |              |
| 24" X         | 104 | 12.750"         |              |
| 27" X         | 84  | 9.960"          |              |
| 27" X         | 146 | 13.965"         |              |
| 30" X         | 90  | 10.400"         |              |
| 30" X         | 173 | 14.985"         |              |
| 33" X         | 118 | 11.480"         |              |
| 33" X         | 201 | 15.745"         |              |
| 36" X         | 135 | 11.950"         |              |
| 36" X         | 231 | 16.470"         |              |
| 40" X         | 149 | 11.810"         |              |
| 40" X         | 199 | 15.750"         |              |
| 44" X         | 230 | 15.750"         |              |

| Yellow        |     |                 |              |
|---------------|-----|-----------------|--------------|
| Nominal Depth |     | Pounds per Foot | Flange Width |
| 5" X          | 19  | 5.030"          |              |
| 6" X          | 12  | 4.000"          |              |
| 6" X          | 20  | 6.020"          |              |
| 8" X          | 13  | 4.000"          |              |
| 8" X          | 21  | 5.270"          |              |
| 8" X          | 28  | 6.535"          |              |
| 8" X          | 35  | 8.020"          |              |
| 10" X         | 15  | 4.000"          |              |
| 10" X         | 26  | 5.770"          |              |
| 10" X         | 39  | 7.985"          |              |
| 10" X         | 54  | 10.030"         |              |
| 12" X         | 16  | 3.990"          |              |
| 12" X         | 30  | 6.520"          |              |
| 12" X         | 45  | 8.045"          |              |
| 12" X         | 58  | 10.010"         |              |
| 12" X         | 72  | 12.040"         |              |
| 14" X         | 26  | 5.025"          |              |
| 14" X         | 34  | 6.745"          |              |
| 14" X         | 48  | 8.030"          |              |
| 14" X         | 68  | 10.035"         |              |
| 14" X         | 99  | 14.565"         |              |
| 14" X         | 159 | 15.565"         |              |
| 16" X         | 31  | 5.525"          |              |
| 16" X         | 40  | 6.995"          |              |
| 16" X         | 77  | 10.295"         |              |
| 18" X         | 40  | 6.015"          |              |
| 18" X         | 55  | 7.530"          |              |
| 18" X         | 86  | 11.090"         |              |
| 21" X         | 50  | 6.530"          |              |
| 21" X         | 55  | 8.220"          |              |
| 21" X         | 68  | 8.270"          |              |
| 21" X         | 111 | 12.340"         |              |
| 21" X         | 248 | 12.775"         |              |
| 24" X         | 62  | 7.040"          |              |
| 24" X         | 76  | 8.990"          |              |
| 24" X         | 117 | 12.800"         |              |
| 27" X         | 94  | 9.990"          |              |
| 27" X         | 161 | 14.020"         |              |
| 30" X         | 99  | 10.450"         |              |
| 30" X         | 191 | 15.040"         |              |
| 33" X         | 130 | 11.510"         |              |
| 33" X         | 221 | 15.805"         |              |
| 36" X         | 150 | 11.975"         |              |
| 36" X         | 247 | 16.510"         |              |
| 40" X         | 167 | 11.810"         |              |
| 40" X         | 215 | 15.750"         |              |
| 44" X         | 262 | 15.750"         |              |

| Aqua          |     |                 |              |
|---------------|-----|-----------------|--------------|
| Nominal Depth |     | Pounds per Foot | Flange Width |
| 6" X          | 16  | 4.030"          |              |
| 6" X          | 25  | 6.080"          |              |
| 8" X          | 15  | 4.015"          |              |
| 8" X          | 40  | 8.070"          |              |
| 10" X         | 17  | 4.010"          |              |
| 10" X         | 30  | 5.810"          |              |
| 10" X         | 45  | 8.020"          |              |
| 10" X         | 60  | 10.080"         |              |
| 12" X         | 19  | 4.005"          |              |
| 12" X         | 35  | 6.560"          |              |
| 12" X         | 50  | 8.080"          |              |
| 12" X         | 79  | 12.080"         |              |
| 14" X         | 38  | 6.770"          |              |
| 14" X         | 53  | 8.060"          |              |
| 14" X         | 74  | 10.070"         |              |
| 14" X         | 109 | 14.605"         |              |
| 14" X         | 176 | 15.650"         |              |
| 16" X         | 45  | 7.035"          |              |
| 16" X         | 89  | 10.365"         |              |
| 18" X         | 46  | 6.060"          |              |
| 18" X         | 60  | 7.555"          |              |
| 18" X         | 97  | 11.145"         |              |
| 21" X         | 57  | 6.555"          |              |
| 21" X         | 73  | 8.295"          |              |
| 21" X         | 122 | 12.390"         |              |
| 21" X         | 275 | 12.890"         |              |
| 24" X         | 84  | 9.020"          |              |
| 24" X         | 131 | 12.855"         |              |
| 27" X         | 102 | 10.015"         |              |
| 27" X         | 178 | 14.085"         |              |
| 30" X         | 108 | 10.475"         |              |
| 30" X         | 211 | 15.105"         |              |
| 33" X         | 141 | 11.535"         |              |
| 33" X         | 241 | 15.860"         |              |
| 36" X         | 160 | 12.000"         |              |
| 36" X         | 262 | 16.550"         |              |
| 40" X         | 183 | 11.810"         |              |
| 40" X         | 249 | 15.750"         |              |
| 44" X         | 290 | 15.825"         |              |

| Red           |     |                 |              |
|---------------|-----|-----------------|--------------|
| Nominal Depth |     | Pounds per Foot | Flange Width |
| 10" X         | 100 | 10.340"         |              |
| 14" X         | 257 | 15.995"         |              |
| 18" X         | 143 | 8.965"          |              |
| 21" X         | 182 | 12.500"         |              |
| 24" X         | 192 | 12.950"         |              |
| 27" X         | 258 | 14.270"         |              |
| 30" X         | 148 | 10.480"         |              |
| 30" X         | 326 | 15.370"         |              |
| 33" X         | 354 | 16.100"         |              |
| 36" X         | 210 | 12.180"         |              |
| 36" X         | 361 | 16.730"         |              |
| 40" X         | 278 | 11.970"         |              |
| 40" X         | 362 | 16.020"         |              |

| Orange        |     |                 |              |
|---------------|-----|-----------------|--------------|
| Nominal Depth |     | Pounds per Foot | Flange Width |
| 8" X          | 48  | 8.110"          |              |
| 10" X         | 19  | 4.020"          |              |
| 10" X         | 68  | 10.130"         |              |
| 12" X         | 22  | 4.030"          |              |
| 12" X         | 87  | 12.125"         |              |
| 14" X         | 82  | 10.130"         |              |
| 14" X         | 120 | 14.670"         |              |
| 14" X         | 193 | 15.710"         |              |
| 16" X         | 50  | 7.070"          |              |
| 16" X         | 100 | 10.425"         |              |
| 18" X         | 65  | 7.590"          |              |
| 18" X         | 106 | 11.200"         |              |
| 21" X         | 83  | 8.355"          |              |
| 21" X         | 132 | 12.440"         |              |
| 24" X         | 94  | 9.065"          |              |
| 24" X         | 146 | 12.900"         |              |
| 27" X         | 114 | 10.070"         |              |
| 27" X         | 194 | 14.035"         |              |
| 30" X         | 116 | 10.495"         |              |
| 30" X         | 235 | 15.055"         |              |
| 33" X         | 152 | 11.565"         |              |
| 33" X         | 263 | 15.805"         |              |
| 36" X         | 170 | 12.030"         |              |
| 36" X         | 282 | 16.595"         |              |
| 40" X         | 211 | 11.810"         |              |
| 40" X         | 277 | 15.830"         |              |
| 44" X         | 335 | 15.945"         |              |

| Green         |     |                 |              |
|---------------|-----|-----------------|--------------|
| Nominal Depth |     | Pounds per Foot | Flange Width |
| 8" X          | 67  | 8.280"          |              |
| 10" X         | 88  | 10.265"         |              |
| 12" X         | 106 | 12.220"         |              |
| 12" X         | 120 | 12.320"         |              |
| 14" X         | 233 | 15.890"         |              |
| 18" X         | 130 | 8.965"          |              |
| 21" X         | 166 | 12.420"         |              |
| 24" X         | 176 | 12.890"         |              |
| 27" X         | 235 | 14.190"         |              |
| 30" X         | 132 | 10.545"         |              |
| 30" X         | 292 | 15.255"         |              |
| 33" X         | 318 | 15.895"         |              |
| 36" X         | 194 | 12.115"         |              |
| 36" X         | 330 | 16.630"         |              |
| 40" X         | 264 | 11.930"         |              |
| 40" X         | 324 | 15.910"         |              |

| Dark Blue     |     |                 |              |
|---------------|-----|-----------------|--------------|
| Nominal Depth |     | Pounds per Foot | Flange Width |
| 8" X          | 58  | 8.220"          |              |
| 10" X         | 77  | 10.190"         |              |
| 12" X         | 96  | 12.160"         |              |
| 14" X         | 132 | 14.725"         |              |
| 14" X         | 211 | 15.800"         |              |
| 16" X         | 57  | 7.120"          |              |
| 18" X         | 71  | 7.635"          |              |
| 18" X         | 119 | 11.265"         |              |
| 21" X         | 93  | 8.420"          |              |
| 21" X         | 147 | 12.510"         |              |
| 24" X         | 103 | 9.000"          |              |
| 24" X         | 162 | 12.955"         |              |
| 27" X         | 129 | 10.010"         |              |
| 27" X         | 217 | 14.115"         |              |
| 30" X         | 124 | 10.515"         |              |
| 30" X         | 261 | 15.155"         |              |
| 33" X         | 169 | 11.500"         |              |
| 33" X         | 291 | 15.905"         |              |
| 36" X         | 182 | 12.075"         |              |
| 36" X         | 302 | 16.655"         |              |
| 40" X         | 235 | 11.890"         |              |
| 40" X         | 297 | 15.825"         |              |

| Pink          |     |                 |              |
|---------------|-----|-----------------|--------------|
| Nominal Depth |     | Pounds per Foot | Flange Width |
| 10" X         | 112 | 10.415"         |              |
| 12" X         | 136 | 12.400"         |              |
| 14" X         | 283 | 16.110"         |              |
| 18" X         | 158 | 11.300"         |              |
| 21" X         | 201 | 12.575"         |              |
| 24" X         | 207 | 13.010"         |              |
| 27" X         | 281 | 14.350"         |              |
| 30" X         | 357 | 15.470"         |              |
| 33" X         | 387 | 16.200"         |              |
| 36" X         | 232 | 12.120"         |              |
| 36" X         | 395 | 16.830"         |              |
| 40" X         | 294 | 12.010"         |              |
| 40" X         | 372 | 16.065"         |              |

Note: Color codes are subject to change at any time without notice. If you have any questions concerning our color codes, please contact your local Alro Sales Representative.

**CONTROLLED**

October 11, 2010 Rev. "D"

# I Beams

## White

| Nominal Depth |   | Pounds per Foot | Flange Width |
|---------------|---|-----------------|--------------|
| 3"            | X | 5.70            | 2.33"        |
| 4"            | X | 7.70            | 2.66"        |
| 5"            | X | 10.00           | 3.00"        |
| 6"            | X | 12.50           | 3.33"        |
| 7"            | X | 15.30           | 3.66"        |
| 8"            | X | 18.40           | 4.00"        |
| 10"           | X | 25.40           | 4.66"        |
| 12"           | X | 31.80           | 5.00"        |
| 15"           | X | 42.80           | 5.50"        |
| 18"           | X | 54.70           | 6.00"        |

## Yellow

| Nominal Depth |   | Pounds per Foot | Flange Width |
|---------------|---|-----------------|--------------|
| 3"            | X | 7.50            | 2.509"       |
| 4"            | X | 9.40            | 2.796"       |
| 5"            | X | 14.75           | 3.284"       |
| 6"            | X | 17.25           | 3.565"       |
| 7"            | X | 20.00           | 3.860"       |
| 8"            | X | 23.00           | 4.171"       |
| 10"           | X | 35.00           | 4.940"       |
| 12"           | X | 35.00           | 5.078"       |
| 15"           | X | 50.00           | 5.640"       |
| 18"           | X | 70.00           | 6.241"       |

## Aqua

| Nominal Depth |   | Pounds per Foot | Flange Width |
|---------------|---|-----------------|--------------|
| 12"           | X | 40.80           | 5.25"        |

## Orange

| Nominal Depth |   | Pounds per Foot | Flange Width |
|---------------|---|-----------------|--------------|
| 12"           | X | 50.00           | 5.477"       |

# Junior Beams

## Green

| Nominal Depth |   | Pounds per Foot | Flange Width |
|---------------|---|-----------------|--------------|
| 4"            | X | 3.25            | 2.25"        |
| 6"            | X | 4.40            | 1.84"        |
| 8"            | X | 6.50            | 2.28"        |
| 10"           | X | 8.00            | 2.69"        |
| 12"           | X | 10.80           | 3.06"        |

## Dark Blue

| Nominal Depth |   | Pounds per Foot | Flange Width |
|---------------|---|-----------------|--------------|
| 10"           | X | 9.00            | 2.69"        |
| 12"           | X | 11.80           | 3.06"        |

# Junior Channels

## Green

| Nominal Depth |   | Pounds per Foot | Flange Width |
|---------------|---|-----------------|--------------|
| 8"            | X | 8.50            | 1.875"       |
| 10"           | X | 6.50            | 1.125"       |
| 12"           | X | 10.60           | 1.500"       |

## Dark Blue

| Nominal Depth |   | Pounds per Foot | Flange Width |
|---------------|---|-----------------|--------------|
| 10"           | X | 8.40            | 1.500"       |
| 12"           | X | 14.30           | 2.130"       |

# Channels A-36

## White

| Nominal Depth |   | Pounds per Foot | Flange Width |
|---------------|---|-----------------|--------------|
| 3"            | X | 4.10            | 1.14"        |
| 4"            | X | 5.40            | 1.58"        |
| 5"            | X | 6.70            | 1.75"        |
| 6"            | X | 8.20            | 1.92"        |
| 7"            | X | 9.80            | 2.09"        |
| 8"            | X | 11.50           | 2.26"        |
| 9"            | X | 13.40           | 2.43"        |
| 10"           | X | 15.30           | 2.60"        |
| 12"           | X | 20.70           | 2.94"        |
| 15"           | X | 33.90           | 3.40"        |

## Yellow

| Nominal Depth |   | Pounds per Foot | Flange Width |
|---------------|---|-----------------|--------------|
| 3"            | X | 5.00            | 1.498"       |
| 4"            | X | 6.25            | 1.647"       |
| 5"            | X | 9.00            | 1.885"       |
| 6"            | X | 10.50           | 2.034"       |
| 7"            | X | 12.25           | 2.194"       |
| 8"            | X | 13.75           | 2.343"       |
| 9"            | X | 15.00           | 2.480"       |
| 10"           | X | 20.00           | 2.739"       |
| 12"           | X | 25.00           | 3.047"       |
| 15"           | X | 40.00           | 3.520"       |

## Aqua

| Nominal Depth |   | Pounds per Foot | Flange Width |
|---------------|---|-----------------|--------------|
| 3"            | X | 6.00            | 1.596"       |
| 4"            | X | 7.25            | 1.720"       |
| 6"            | X | 13.00           | 2.157"       |
| 7"            | X | 14.75           | 2.299"       |
| 8"            | X | 18.75           | 2.527"       |
| 9"            | X | 20.00           | 2.648"       |
| 10"           | X | 25.00           | 2.886"       |
| 12"           | X | 30.00           | 3.170"       |

## Orange

| Nominal Depth |   | Pounds per Foot | Flange Width |
|---------------|---|-----------------|--------------|
| 3"            | X | 3.50            | 1.375"       |
| 4"            | X | 4.50            | 1.590"       |
| 10"           | X | 30.00           | 3.033"       |
| 15"           | X | 50.00           | 3.716"       |

Note: Color codes are subject to change at any time without notice. If you have any questions concerning our color codes, please contact your local Alro Sales Representative.

**CONTROLLED**

May 14, 2020 Rev. "F"

# 1045 Channels

| Black         |   |                 |              |
|---------------|---|-----------------|--------------|
| White Stripe  |   |                 |              |
| Black         |   |                 |              |
| Nominal Depth |   | Pounds per Foot | Flange Width |
| 3"            | X | 4.10            | 1.410"       |
| 4"            | X | 5.40            | 1.584"       |
| 5"            | X | 6.70            | 1.750"       |
| 6"            | X | 8.20            | 1.920"       |
| 7"            | X | 9.80            | 2.090"       |
| 8"            | X | 11.50           | 2.260"       |
| 9"            | X | 13.40           | 2.433"       |
| 10"           | X | 15.30           | 2.600"       |
| 12"           | X | 20.70           | 2.942"       |
| 15"           | X | 33.90           | 3.400"       |

| Black         |   |                 |              |
|---------------|---|-----------------|--------------|
| Yellow Stripe |   |                 |              |
| Black         |   |                 |              |
| Nominal Depth |   | Pounds per Foot | Flange Width |
| 3"            | X | 5.00            | 1.498"       |
| 4"            | X | 6.25            | 1.647"       |
| 5"            | X | 9.00            | 1.885"       |
| 6"            | X | 10.50           | 2.034"       |
| 7"            | X | 12.25           | 2.194"       |
| 8"            | X | 13.75           | 2.343"       |
| 9"            | X | 15.00           | 2.485"       |
| 10"           | X | 20.00           | 2.739"       |
| 12"           | X | 25.00           | 3.047"       |
| 15"           | X | 40.00           | 3.520"       |

| Black         |   |                 |              |
|---------------|---|-----------------|--------------|
| Aqua Stripe   |   |                 |              |
| Black         |   |                 |              |
| Nominal Depth |   | Pounds per Foot | Flange Width |
| 3"            | X | 6.00            | 1.596"       |
| 4"            | X | 7.25            | 1.721"       |
| 6"            | X | 13.00           | 2.157"       |
| 7"            | X | 14.75           | 2.299"       |
| 8"            | X | 18.75           | 2.527"       |
| 9"            | X | 20.00           | 2.648"       |
| 10"           | X | 25.00           | 2.886"       |
| 12"           | X | 30.00           | 3.170"       |

| Black         |   |                 |              |
|---------------|---|-----------------|--------------|
| Orange Stripe |   |                 |              |
| Black         |   |                 |              |
| Nominal Depth |   | Pounds per Foot | Flange Width |
| 3"            | X | 3.50            | 1.372"       |
| 4"            | X | 4.50            | 1.584"       |
| 10"           | X | 30.00           | 3.033"       |
| 15"           | X | 50.00           | 3.716"       |

# A572 Gr. 50 Channels

| Fluorescent Green |   |                 |              |
|-------------------|---|-----------------|--------------|
| White Stripe      |   |                 |              |
| Fluorescent Green |   |                 |              |
| Nominal Depth     |   | Pounds per Foot | Flange Width |
| 3"                | X | 4.10            | 1.410"       |
| 4"                | X | 5.40            | 1.584"       |
| 5"                | X | 6.70            | 1.750"       |
| 6"                | X | 8.20            | 1.920"       |
| 7"                | X | 9.80            | 2.090"       |
| 8"                | X | 11.50           | 2.260"       |
| 9"                | X | 13.40           | 2.433"       |
| 10"               | X | 15.30           | 2.600"       |
| 12"               | X | 20.70           | 2.942"       |
| 15"               | X | 33.90           | 3.400"       |

| Fluorescent Green |   |                 |              |
|-------------------|---|-----------------|--------------|
| Yellow Stripe     |   |                 |              |
| Fluorescent Green |   |                 |              |
| Nominal Depth     |   | Pounds per Foot | Flange Width |
| 3"                | X | 5.00            | 1.498"       |
| 4"                | X | 6.25            | 1.647"       |
| 5"                | X | 9.00            | 1.885"       |
| 6"                | X | 10.50           | 2.034"       |
| 7"                | X | 12.25           | 2.194"       |
| 8"                | X | 13.75           | 2.343"       |
| 9"                | X | 15.00           | 2.485"       |
| 10"               | X | 20.00           | 2.739"       |
| 12"               | X | 25.00           | 3.047"       |
| 15"               | X | 40.00           | 3.520"       |

| Fluorescent Green |   |                 |              |
|-------------------|---|-----------------|--------------|
| Aqua Stripe       |   |                 |              |
| Fluorescent Green |   |                 |              |
| Nominal Depth     |   | Pounds per Foot | Flange Width |
| 3"                | X | 6.00            | 1.596"       |
| 4"                | X | 7.25            | 1.721"       |
| 6"                | X | 13.00           | 2.157"       |
| 7"                | X | 14.75           | 2.299"       |
| 8"                | X | 18.75           | 2.527"       |
| 9"                | X | 20.00           | 2.648"       |
| 10"               | X | 25.00           | 2.886"       |
| 12"               | X | 30.00           | 3.170"       |

| Fluorescent Green |   |                 |              |
|-------------------|---|-----------------|--------------|
| Orange Stripe     |   |                 |              |
| Fluorescent Green |   |                 |              |
| Nominal Depth     |   | Pounds per Foot | Flange Width |
| 3"                | X | 3.50            | 1.372"       |
| 4"                | X | 4.50            | 1.584"       |
| 10"               | X | 30.00           | 3.033"       |
| 15"               | X | 50.00           | 3.716"       |

# Ship & Car Channels

| Red           |   |                 |              |
|---------------|---|-----------------|--------------|
| Nominal Depth |   | Pounds per Foot | Flange Width |
| 3"            | X | 7.10            | 1.938"       |
| 4"            | X | 13.80           | 2.500"       |
| 6"            | X | 12.00           | 2.500"       |
| 8"            | X | 18.70           | 2.978"       |
| 9"            | X | 23.90           | 3.450"       |
| 10"           | X | 22.00           | 3.450"       |
| 12"           | X | 32.90           | 3.500"       |
| 13"           | X | 31.80           | 4.000"       |
| 18"           | X | 42.70           | 3.950"       |

| Pink          |   |                 |              |
|---------------|---|-----------------|--------------|
| Nominal Depth |   | Pounds per Foot | Flange Width |
| 6"            | X | 15.30           | 3.500"       |
| 7"            | X | 19.10           | 3.452"       |
| 8"            | X | 20.00           | 3.025"       |
| 9"            | X | 25.40           | 3.500"       |
| 10"           | X | 25.00           | 3.405"       |
| 12"           | X | 35.00           | 3.767"       |
| 13"           | X | 35.00           | 4.072"       |
| 18"           | X | 45.80           | 4.000"       |

| Yellow        |   |                 |              |
|---------------|---|-----------------|--------------|
| Nominal Depth |   | Pounds per Foot | Flange Width |
| 6"            | X | 16.30           | 3.000"       |
| 7"            | X | 22.70           | 3.603"       |
| 8"            | X | 21.40           | 3.450"       |
| 10"           | X | 28.50           | 3.950"       |
| 12"           | X | 45.00           | 4.012"       |
| 13"           | X | 40.00           | 4.185"       |
| 18"           | X | 51.90           | 4.100"       |

| Aqua          |   |                 |              |
|---------------|---|-----------------|--------------|
| Nominal Depth |   | Pounds per Foot | Flange Width |
| 6"            | X | 18.00           | 3.504"       |
| 8"            | X | 22.80           | 3.502"       |
| 10"           | X | 33.60           | 4.100"       |
| 12"           | X | 50.00           | 4.135"       |
| 13"           | X | 50.00           | 4.412"       |
| 18"           | X | 58.00           | 4.200"       |

| Dark Blue     |   |                 |              |
|---------------|---|-----------------|--------------|
| Nominal Depth |   | Pounds per Foot | Flange Width |
| 6"            | X | 15.10           | 2.941"       |
| 10"           | X | 41.10           | 4.321"       |
| 12"           | X | 31.00           | 3.670"       |

Note: Color codes are subject to change at any time without notice. If you have any questions concerning our color codes, please contact your local Alro Sales Representative.

**CONTROLLED**

August 20, 2014 Rev. "F"

## Pipe

|                                      |                                               |                                             |                                                    |                                                    |                               |                                  |                             |                                          |
|--------------------------------------|-----------------------------------------------|---------------------------------------------|----------------------------------------------------|----------------------------------------------------|-------------------------------|----------------------------------|-----------------------------|------------------------------------------|
| <b>Aqua</b><br>1/2"<br>SCH 40        | <b>Orange</b><br>3/4"<br>SCH 40               | <b>White</b><br>1"<br>SCH 40                | <b>Green</b><br>1-1/4"<br>SCH 40                   | <b>Yellow</b><br>1-1/2"<br>SCH 40                  | <b>Brown</b><br>2"<br>SCH 40  | <b>Black</b><br>2-1/2"<br>SCH 40 | <b>Red</b><br>3"<br>SCH 40  | <b>Dark Blue</b><br>3-1/2"<br>SCH 40     |
| <b>White</b><br>4"<br>SCH 40         | <b>Silver</b><br>5"<br>SCH 40                 | <b>Aqua</b><br>6"<br>SCH 40                 | <b>Orange</b><br>8"<br>SCH 40                      | <b>Purple</b><br>10"<br>SCH 40                     | <b>Green</b><br>12"<br>SCH 40 | <b>Yellow</b><br>14"<br>SCH 40   | <b>Red</b><br>16"<br>SCH 40 | <b>Lt. Blue</b><br>Tested Pipe<br>SCH 40 |
| <b>Pink</b><br>Tested Pipe<br>SCH 80 | <b>Aqua Gold</b><br>XXH BPE<br>Welded<br>Pipe | <b>Gold</b><br>Structural<br>Pipe<br>SCH 10 | <b>Green Brown</b><br>Structural<br>Pipe<br>SCH 20 | <b>Medium Gray</b><br>Structural<br>Pipe<br>SCH 80 |                               |                                  |                             |                                          |

## Round Tubing

|                   |                     |                              |                              |                                    |                                          |                                             |                                                 |
|-------------------|---------------------|------------------------------|------------------------------|------------------------------------|------------------------------------------|---------------------------------------------|-------------------------------------------------|
| <b>Red</b><br>DOM | <b>White</b><br>CDS | <b>Orange Purple</b><br>CREW | <b>Lt. Blue Pink</b><br>HREW | <b>Dark Blue Yellow</b><br>HF SMLS | <b>Aqua Red</b><br>HF SMLS<br>Alloy 4140 | <b>Orange Pink</b><br>CD SMLS<br>Alloy 4140 | <b>Brown Dark Blue</b><br>CD SMLS<br>Alloy 4130 |
|-------------------|---------------------|------------------------------|------------------------------|------------------------------------|------------------------------------------|---------------------------------------------|-------------------------------------------------|

- Acc-U-Plate® is a product of Cressona Aluminum Company
- Super 1200® and Stressproof® are products of Niagara/LaSalle Steel
- Viscount 44® is a product of Latrobe Steel Company
- Clean Cut 20® and Clean Cut 45® are products of Lukens Steel
- Corten® is a registered trademark of US Steel

Note: Color codes are subject to change at any time without notice. If you have any questions concerning our color codes, please contact your local Alro Sales Representative.

**CONTROLLED**

May 14, 2020 Rev. "H"

# Revisions

| Page # | Rev. Date  | Comments - Description of changes                                                                                                                                                                                                        |
|--------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6      | 6-27-2013  | Add A-36 Laser Quality color code to the Plate section                                                                                                                                                                                   |
| 4      | 3-18-2014  | Added 440A Stainless color code to the Stainless Steel section                                                                                                                                                                           |
| 6      | 3-25-2014  | Changed the description for "HR" Sheet to "HR A1011" Sheet                                                                                                                                                                               |
| 10     | 4-25-2014  | a. Changed 10" x 21.9# S&C Channel to 10" x 22#<br>b. Added 10" x 25# S&C Channel to the Color Code Chart<br>c. Changed 10" x 33.6# S&C Channel from yellow color code to aqua<br>d. Added 10" x 25# S&C Channel to the Color Code Chart |
| 11     | 4-25-2014  | Added "XXH BPE Welded Pipe to the Color Code Chart Pipe section                                                                                                                                                                          |
| 10     | 8-20-2014  | Added 9" x 23.9# S&C Channel                                                                                                                                                                                                             |
| 11     | 8-20-2014  | a. Added 12" sch 40 to the Pipe section of the Color Code Chart<br>b. Added 14" sch 40 to the Pipe section of the Color Code Chart<br>c. Added 16" sch 40 to the Pipe section of the Color Code Chart                                    |
| 6      | 10-28-2014 | Changed the name "Temper Passed" Carbon Steel Sheet to "Temper Flat"                                                                                                                                                                     |
| 6      | 2-03-2015  | Corrected the color code description for Carbon Steel Sheet from A1008 grade 60 to A1011 HSLA grade 60.                                                                                                                                  |
| 11     | 4-27-2015  | a. Added color code for HF SMLS Alloy 4140 to the "Round Tubing" section<br>b. Added color code for CD SMLS Alloy 4140 to the "Round Tubing" section<br>c. Added color code for CD SMLS Alloy 4130 to the "Round Tubing" section         |
| 6      | 12-11-2015 | a. Added color code for A1011 HSLA Gr 50 to the Carbon Sheet section<br>b. Added color code for A1011 HSLA Gr 80 to the Carbon Sheet section                                                                                             |
| 4      | 2-19-2016  | a. Added color code for 409 Stainless<br>b. Added color code for 439 Stainless                                                                                                                                                           |
| 5      | 2-19-2016  | Moved Cast Iron color codes from page 4 to page 5                                                                                                                                                                                        |
| 3      | 8-16-2016  | Removed the "HR" prefix from the 1144 color code in Carbon Steel Bars                                                                                                                                                                    |
| 5      | 9-01-2016  | Added color code for Toolox 44 to the Alloy section.                                                                                                                                                                                     |
| 4      | 9-20-2016  | Added color code for 6013 Aluminum                                                                                                                                                                                                       |
| 5      | 1-10-2017  | Added color code for G2S Cast Iron                                                                                                                                                                                                       |
| 6      | 3-27-2017  | Added color code for A572-50 Charpy Tested Plate                                                                                                                                                                                         |
| 6      | 4-26-2017  | Changed description for "A-242 Corten®" to "A606 Type 4"                                                                                                                                                                                 |
| 4      | 4-26-2017  | Added color code for HH 1150 Stainless Steel                                                                                                                                                                                             |
| 6      | 6-13-2017  | Added color code for 1020 Laser Quality to the Carbon Steel Plate section                                                                                                                                                                |
| 5      | 8-11-2017  | Added color codes for 4140 ANN DCF and 4140 As Rolled                                                                                                                                                                                    |
| 4      | 9-05-2017  | Added color code for 440F Stainless                                                                                                                                                                                                      |
| 6      | 9-25-2017  | Changed description for HR A-1011 to HR A-1011/1018                                                                                                                                                                                      |
| 6      | 9-29-2017  | Changed description for HR A-1011/1018 to HR A-1011/1018 CS Type B                                                                                                                                                                       |
| 6      | 10-26-2017 | a. Changed description for HR A1011/1018 CS Type B to A1011 CS Type B<br>b. Added color code for A1018 CS Type B to Carbon Steel Plate section                                                                                           |
| 7      | 12-06-2017 | Added color code for 6 gauge to the Gauges sections.                                                                                                                                                                                     |
| 6      | 4-12-2018  | Added color code for AR 600 F to the Plate Section.                                                                                                                                                                                      |
| 4      | 11-02-2018 | Removed color code for 6061 Acc-U-Plate®                                                                                                                                                                                                 |
| 5      | 11-19-2018 | Added color code for 75-55-15 Ductile Iron to Cast Iron                                                                                                                                                                                  |
| 9      | 2-14-2019  | Added 4", 12" to Green Junior Beams, Added Dark blue to Junior Beams                                                                                                                                                                     |
| 4      | 4-09-2019  | Added 6005 Aqua to Aluminum Section                                                                                                                                                                                                      |
| 5      | 4-11-2019  | Added C360 Half-Hard Brass (Aqua/Pink)                                                                                                                                                                                                   |
| 5      | 6-13-2019  | Added (Import Only) text to C360 Half-Hard Brass                                                                                                                                                                                         |
| 5      | 8-26-2019  | Added 4145M HR Q&T Dark Blue / Silver to Alloys                                                                                                                                                                                          |
| 4      | 12-06-2019 | Added Orange/Red 309 to Stainless Steel                                                                                                                                                                                                  |
| 6      | 1-14-2020  | Change Purple Yellow to Purple Silver in Carbon Steel Plate                                                                                                                                                                              |
| 4      | 5-14-2020  | Change 6061 Domestic (Dark Blue) and add 6061 (Orange/Purple)                                                                                                                                                                            |
| 9      | 5-14-2020  | Fixed incorrect sizes/weights on Dark Blue Junior Channels                                                                                                                                                                               |
| 11     | 5-14-2020  | Per Dave Harrold remove Kleenkote® from Pipe section                                                                                                                                                                                     |
| ---    | 5-14-2020  | New cover and format, reduce PDF file size for easy online viewing                                                                                                                                                                       |
| 4      | 10-20-2021 | Aluminum, change 5086 from Yellow/Gold to Yellow/Orange.                                                                                                                                                                                 |
| 4      | 10-20-2021 | Stainless, add 430 Aqua/Black color code.                                                                                                                                                                                                |

**CONTROLLED**

# Revisions

| Page # | Rev. Date  | Comments - Description of changes                            |
|--------|------------|--------------------------------------------------------------|
| 6      | 10-20-2021 | Carbon Steel Sheet, change Purple from P&O to Alumnized.     |
| 6      | 11-04-2021 | Added P&O (white/purple/white) to Carbon Steel Sheet.        |
| 4      | 07-26-2023 | Added 2205 (green/dark blue) to Stainless Steel.             |
| 4      | 09-30-2024 | Added 416R (green & white) to Stainless Steel, new offering. |
| 5      | 09-30-2024 | Added 4150R (pink & white) to Alloy page, new offering.      |
| 4      | 05-01-2025 | Removed registered tradenames from Aluminum section          |

Note: Color codes are subject to change at any time without notice. If you have any questions concerning our color codes, please contact your local Alro Sales Representative.

**CONTROLLED**



**Current Page Revisions**

| <b>Page #</b> | <b>Date</b>       | <b>Rev. Level</b> |
|---------------|-------------------|-------------------|
| <b>3</b>      | <b>8-16-2016</b>  | <b>J</b>          |
| <b>4</b>      | <b>5-01-2025</b>  | <b>Y</b>          |
| <b>5</b>      | <b>9-30-2024</b>  | <b>U</b>          |
| <b>6</b>      | <b>11-04-2021</b> | <b>Y</b>          |
| <b>7</b>      | <b>12-06-2017</b> | <b>G</b>          |
| <b>8</b>      | <b>10-11-2010</b> | <b>D</b>          |
| <b>9</b>      | <b>5-14-2020</b>  | <b>F</b>          |
| <b>10</b>     | <b>8-20-2014</b>  | <b>F</b>          |
| <b>11</b>     | <b>5-14-2020</b>  | <b>H</b>          |

**Last Updated: May 1, 2025**

**CONTROLLED**