

# BLN, GN, BLRCP & GRCP SERIES BLACK & GALVANIZED STEEL NIPPLES & READY CUT PIPE - SCHEDULE 40

## SPECIFICATIONS:

- Dimensions conform to ASTM A733
- Materials conform to ASTM A53 Grade B - ERW Welded Pipe
- Threads conform to ANSI/ASME B1.20.1
- Ambient working temperature rating: -20 to 100°F (-29 to 38°C)

## CERTIFICATIONS:

- CRN Canadian Registration Number Listed (BLN & GN Series Only)
- NSF/ANSI Standard 61 Certified (Drinking Water System Components - Health Effects) (GN Series Only)
- NSF/ANSI Standard 372 Certified (Drinking Water System Components - Lead Content) (GN Series Only)



| MATERIAL LIST   |                        |
|-----------------|------------------------|
| Name            | Percent of Composition |
| Black Steel     |                        |
| Iron (FE)       | ≥ 96.0                 |
| Carbon (C)      | 0.30 max               |
| Manganese (Mn)  | 1.20 max               |
| Phosphorus (P)  | 0.05 max               |
| Sulfur (S)      | 0.045 max              |
| Copper (Cu)     | 0.40 max               |
| Chromium (Cr)   | 0.40 max               |
| Nickel (Ni)     | 0.40 max               |
| Molybdenum (Mo) | 0.15 max               |
| Vanadium (V)    | 0.08 max               |

| MATERIAL LIST                       |                        |
|-------------------------------------|------------------------|
| Name                                | Percent of Composition |
| Galvanized Steel                    |                        |
| Iron (FE)                           | ≥ 96.0                 |
| Carbon (C)                          | 0.30 max               |
| Manganese (Mn)                      | 1.20 max               |
| Phosphorus (P)                      | 0.05 max               |
| Sulfur (S)                          | 0.045 max              |
| Copper (Cu)                         | 0.40 max               |
| Chromium (Cr)                       | 0.40 max               |
| Nickel (Ni)                         | 0.40 max               |
| Molybdenum (Mo)                     | 0.15 max               |
| Vanadium (V)                        | 0.08 max               |
| Galvanized Zinc Coating (ASTM A153) |                        |
| Zinc (Zn)                           | ≥98.0                  |
| Iron (Fe)                           | ≤0.4                   |
| Pb                                  | ≤0.03                  |

| DIMENSIONS      |            |                         |            |                   |              |              |        |                |      |                 |        |
|-----------------|------------|-------------------------|------------|-------------------|--------------|--------------|--------|----------------|------|-----------------|--------|
| Nipple Part No. |            | Ready Cut Pipe Part No. |            | Nominal Pipe Size | Close Length | Outside Dia. |        | Wall Thickness |      | Weight per inch |        |
| Black           | Galvanized | Black                   | Galvanized |                   |              | inches       | mm     | inches         | mm   | lb              | grams  |
| BLN-01xx        | GN-01xx    | BLRCP-01xx              | GRCP-01xx  | 1/8"              | 3/4"         | 0.41         | 10.29  | 0.07           | 1.73 |                 | 9.07   |
| BLN-02xx        | GN-02xx    | BLRCP-02xx              | GRCP-02xx  | 1/4"              | 7/8"         | 0.54         | 13.72  | 0.09           | 2.24 |                 | 16.25  |
| BLN-03xx        | GN-03xx    | BLRCP-03xx              | GRCP-03xx  | 3/8"              | 1"           | 0.68         | 17.15  | 0.09           | 2.31 |                 | 21.55  |
| BLN-05xx        | GN-05xx    | BLRCP-05xx              | GRCP-05xx  | 1/2"              | 1-1/8"       | 0.84         | 21.34  | 0.11           | 2.77 |                 | 32.13  |
| BLN-07xx        | GN-07xx    | BLRCP-07xx              | GRCP-07xx  | 3/4"              | 1-3/8"       | 1.05         | 26.67  | 0.11           | 2.87 |                 | 42.71  |
| BLN-10xx        | GN-10xx    | BLRCP-10xx              | GRCP-10xx  | 1"                | 1-1/2"       | 1.32         | 33.40  | 0.13           | 3.38 |                 | 63.50  |
| BLN-12xx        | GN-12xx    | BLRCP-12xx              | GRCP-12xx  | 1-1/4"            | 1-5/8"       | 1.66         | 42.16  | 0.14           | 3.56 |                 | 85.80  |
| BLN-15xx        | GN-15xx    | BLRCP-15xx              | GRCP-15xx  | 1-1/2"            | 1-3/4"       | 1.90         | 48.26  | 0.15           | 3.68 |                 | 102.81 |
| BLN-20xx        | GN-20xx    | BLRCP-20xx              | GRCP-20xx  | 2"                | 2"           | 2.38         | 60.33  | 0.15           | 3.91 |                 | 138.35 |
| BLN-25xx        | GN-25xx    | —                       | —          | 2-1/2"            | 2-1/2"       | 2.88         | 73.03  | 0.20           | 5.16 |                 | 219.24 |
| BLN-30xx        | GN-30xx    | —                       | —          | 3"                | 2-5/8"       | 3.50         | 88.90  | 0.22           | 5.49 |                 | 286.52 |
| BLN-40xx        | GN-40xx    | —                       | —          | 4"                | 2-7/8"       | 4.50         | 114.30 | 0.27           | 6.02 |                 | 408.23 |
| BLN-60xx        | GN-60xx    | —                       | —          | 6"                | 3-1/8"       | 6.63         | 168.28 | 0.28           | 7.11 |                 | 717.81 |

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## BLACK & GALVANIZED STEEL NIPPLES & READY CUT PIPE - SCHEDULE 40

| Pipe Size | 1/8"      | 1/4"      | 3/8"      | 1/2"      | 3/4"      | 1"        | 1-1/4"    | 1-1/2"    | 2"        | 2-1/2"    | 3"        | 4"        | 6"        |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Length    |           |           |           |           |           |           |           |           |           |           |           |           |           |
| close     | BLN-01    | BLN-02    | BLN-03    | BLN-05    | BLN-07    | BLN-10    | BLN-12    | BLN-15    | BLN-20    | BLN-25    | BLN-30    | BLN-40    | BLN-60    |
| 1-1/2"    | BLN-0115  | BLN-0215  | BLN-0315  | BLN-0515  | BLN-0715  | —         | —         | —         | —         | —         | —         | —         | —         |
| 2"        | BLN-0120  | BLN-0220  | BLN-0320  | BLN-0520  | BLN-0720  | BLN-1020  | BLN-1220  | BLN-1520  | —         | —         | —         | —         | —         |
| 2-1/2"    | BLN-0125  | BLN-0225  | BLN-0325  | BLN-0525  | BLN-0725  | BLN-1025  | BLN-1225  | BLN-1525  | BLN-2025  | —         | —         | —         | —         |
| 3"        | BLN-0130  | BLN-0230  | BLN-0330  | BLN-0530  | BLN-0730  | BLN-1030  | BLN-1230  | BLN-1530  | BLN-2030  | BLN-2530  | BLN-3030  | —         | —         |
| 3-1/2"    | BLN-0135  | BLN-0235  | BLN-0335  | BLN-0535  | BLN-0735  | BLN-1035  | BLN-1235  | BLN-1535  | BLN-2035  | BLN-2535  | BLN-3035  | BLN-4035  | —         |
| 4"        | GN-0140   | GN-0240   | GN-0340   | GN-0540   | GN-0740   | GN-1040   | GN-1240   | GN-1540   | GN-2040   | GN-2540   | GN-3040   | GN-4040   | —         |
| 4-1/2"    | BLN-0145  | BLN-0245  | BLN-0345  | BLN-0545  | BLN-0745  | BLN-1045  | BLN-1245  | BLN-1545  | BLN-2045  | BLN-2545  | BLN-3045  | BLN-4045  | BLN-6045  |
| 5"        | BLN-0150  | BLN-0250  | BLN-0350  | BLN-0550  | BLN-0750  | BLN-1050  | BLN-1250  | BLN-1550  | BLN-2050  | BLN-2550  | BLN-3050  | BLN-4050  | BLN-6050  |
| 5-1/2"    | BLN-0155  | BLN-0255  | BLN-0355  | BLN-0555  | BLN-0755  | BLN-1055  | BLN-1255  | BLN-1555  | BLN-2055  | BLN-2555  | BLN-3055  | BLN-4055  | BLN-6055  |
| 6"        | BLN-0160  | BLN-0260  | BLN-0360  | BLN-0560  | BLN-0760  | BLN-1060  | BLN-1260  | BLN-1560  | BLN-2060  | BLN-2560  | BLN-3060  | BLN-4060  | BLN-6060  |
| 7"        | BLN-0170  | BLN-0270  | BLN-0370  | BLN-0570  | BLN-0770  | BLN-1070  | BLN-1270  | BLN-1570  | BLN-2070  | BLN-2570  | BLN-3070  | BLN-4070  | BLN-6070  |
| 8"        | BLN-0180  | BLN-0280  | BLN-0380  | BLN-0580  | BLN-0780  | BLN-1080  | BLN-1280  | BLN-1580  | BLN-2080  | BLN-2580  | BLN-3080  | BLN-4080  | BLN-6080  |
| 9"        | BLN-0190  | BLN-0290  | BLN-0390  | BLN-0590  | BLN-0790  | BLN-1090  | BLN-1290  | BLN-1590  | BLN-2090  | BLN-2590  | BLN-3090  | BLN-4090  | BLN-6090  |
| 10"       | BLN-01100 | BLN-02100 | BLN-03100 | BLN-05100 | BLN-07100 | BLN-10100 | BLN-12100 | BLN-15100 | BLN-20100 | BLN-25100 | BLN-30100 | BLN-40100 | BLN-60100 |
| 11"       | BLN-01110 | BLN-02110 | BLN-03110 | BLN-05110 | BLN-07110 | BLN-10110 | BLN-12110 | BLN-15110 | BLN-20110 | BLN-25110 | BLN-30110 | BLN-40110 | BLN-60110 |
| 12"       | BLN-01120 | BLN-02120 | BLN-03120 | BLN-05120 | BLN-07120 | BLN-10120 | BLN-12120 | BLN-15120 | BLN-20120 | BLN-25120 | BLN-30120 | BLN-40120 | BLN-60120 |
| close     | GN-01     | GN-02     | GN-03     | GN-05     | GN-07     | GN-10     | GN-12     | GN-15     | GN-20     | GN-25     | GN-30     | GN-40     | GN-60     |
| 1-1/2"    | GN-0115   | GN-0215   | GN-0315   | GN-0515   | GN-0715   | —         | —         | —         | —         | —         | —         | —         | —         |
| 2"        | GN-0120   | GN-0220   | GN-0320   | GN-0520   | GN-0720   | GN-1020   | GN-1220   | GN-1520   | —         | —         | —         | —         | —         |
| 2-1/2"    | GN-0125   | GN-0225   | GN-0325   | GN-0525   | GN-0725   | GN-1025   | GN-1225   | GN-1525   | GN-2025   | —         | —         | —         | —         |
| 3"        | GN-0130   | GN-0230   | GN-0330   | GN-0530   | GN-0730   | GN-1030   | GN-1230   | GN-1530   | GN-2030   | GN-2530   | GN-3030   | —         | —         |
| 3-1/2"    | GN-0135   | GN-0235   | GN-0335   | GN-0535   | GN-0735   | GN-1035   | GN-1235   | GN-1535   | GN-2035   | GN-2535   | GN-3035   | GN-4035   | —         |
| 4"        | GN-0140   | GN-0240   | GN-0340   | GN-0540   | GN-0740   | GN-1040   | GN-1240   | GN-1540   | GN-2040   | GN-2540   | GN-3040   | GN-4040   | —         |
| 4-1/2"    | GN-0145   | GN-0245   | GN-0345   | GN-0545   | GN-0745   | GN-1045   | GN-1245   | GN-1545   | GN-2045   | GN-2545   | GN-3045   | GN-4045   | GN-6045   |
| 5"        | GN-0150   | GN-0250   | GN-0350   | GN-0550   | GN-0750   | GN-1050   | GN-1250   | GN-1550   | GN-2050   | GN-2550   | GN-3050   | GN-4050   | GN-6050   |
| 5-1/2"    | GN-0155   | GN-0255   | GN-0355   | GN-0555   | GN-0755   | GN-1055   | GN-1255   | GN-1555   | GN-2055   | GN-2555   | GN-3055   | GN-4055   | GN-6055   |
| 6"        | GN-0160   | GN-0260   | GN-0360   | GN-0560   | GN-0760   | GN-1060   | GN-1260   | GN-1560   | GN-2060   | GN-2560   | GN-3060   | GN-4060   | GN-6060   |
| 7"        | GN-0170   | GN-0270   | GN-0370   | GN-0570   | GN-0770   | GN-1070   | GN-1270   | GN-1570   | GN-2070   | GN-2570   | GN-3070   | GN-4070   | GN-6070   |
| 8"        | GN-0180   | GN-0280   | GN-0380   | GN-0580   | GN-0780   | GN-1080   | GN-1280   | GN-1580   | GN-2080   | GN-2580   | GN-3080   | GN-4080   | GN-6080   |
| 9"        | GN-0190   | GN-0290   | GN-0390   | GN-0590   | GN-0790   | GN-1090   | GN-1290   | GN-1590   | GN-2090   | GN-2590   | GN-3090   | GN-4090   | GN-6090   |
| 10"       | GN-01100  | GN-02100  | GN-03100  | GN-05100  | GN-07100  | GN-10100  | GN-12100  | GN-15100  | GN-20100  | GN-25100  | GN-30100  | GN-40100  | GN-60100  |
| 11"       | GN-01110  | GN-02110  | GN-03110  | GN-05110  | GN-07110  | GN-10110  | GN-12110  | GN-15110  | GN-20110  | GN-25110  | GN-30110  | GN-40110  | GN-60110  |
| 12"       | GN-01120  | GN-02120  | GN-03120  | GN-05120  | GN-07120  | GN-10120  | GN-12120  | GN-15120  | GN-20120  | GN-25120  | GN-30120  | GN-40120  | GN-60120  |



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## BLACK & GALVANIZED STEEL NIPPLES & READY CUT PIPE - SCHEDULE 40

| Pipe Size     | 1/8"        | 1/4"        | 3/8"        | 1/2"        | 3/4"        | 1"          | 1-1/4"      | 1-1/2"      | 2"          |
|---------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Length</b> |             |             |             |             |             |             |             |             |             |
| <b>18"</b>    | BLRCP-01180 | BLRCP-02180 | BLRCP-03180 | BLRCP-05180 | BLRCP-07180 | BLRCP-10180 | BLRCP-12180 | BLRCP-15180 | BLRCP-20180 |
| <b>16"</b>    | N/A         | N/A         | N/A         | BLRCP-05160 | N/A         | BLRCP-10160 | N/A         | N/A         | N/A         |
| <b>24"</b>    | BLRCP-01240 | BLRCP-02240 | BLRCP-03240 | BLRCP-05240 | BLRCP-07240 | BLRCP-10240 | BLRCP-12240 | BLRCP-15240 | BLRCP-20240 |
| <b>30"</b>    | BLRCP-01300 | BLRCP-02300 | BLRCP-03300 | BLRCP-05300 | BLRCP-07300 | BLRCP-10300 | BLRCP-12300 | BLRCP-15300 | BLRCP-20300 |
| <b>36"</b>    | BLRCP-01360 | BLRCP-02360 | BLRCP-03360 | BLRCP-05360 | BLRCP-07360 | BLRCP-10360 | BLRCP-12360 | BLRCP-15360 | BLRCP-20360 |
| <b>48"</b>    | BLRCP-01480 | BLRCP-02480 | BLRCP-03480 | BLRCP-05480 | BLRCP-07480 | BLRCP-10480 | BLRCP-12480 | BLRCP-15480 | BLRCP-20480 |
| <b>60"</b>    | BLRCP-01600 | BLRCP-02600 | BLRCP-03600 | BLRCP-05600 | BLRCP-07600 | BLRCP-10600 | BLRCP-12600 | BLRCP-15600 | BLRCP-20600 |
| <b>72"</b>    | BLRCP-01720 | BLRCP-02720 | BLRCP-03720 | BLRCP-05720 | BLRCP-07720 | BLRCP-10720 | BLRCP-12720 | BLRCP-15720 | BLRCP-20720 |

  

|            |            |            |            |            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| <b>18"</b> | GRCP-01180 | GRCP-02180 | GRCP-03180 | GRCP-05180 | GRCP-07180 | GRCP-10180 | GRCP-12180 | GRCP-15180 | GRCP-20180 |
| <b>24"</b> | GRCP-01240 | GRCP-02240 | GLCP-03240 | GRCP-05240 | GRCP-07240 | GRCP-10240 | GRCP-12240 | GRCP-15240 | GRCP-20240 |
| <b>30"</b> | GRCP-01300 | GRCP-02300 | GRCP-03300 | GRCP-05300 | GRCP-07300 | GRCP-10300 | GRCP-12300 | GRCP-15300 | GRCP-20300 |
| <b>36"</b> | GRCP-01360 | GRCP-02360 | GRCP-03360 | GRCP-05360 | GRCP-07360 | GRCP-10360 | GRCP-12360 | GRCP-15360 | GRCP-20360 |
| <b>48"</b> | GRCP-01480 | GRCP-02480 | GRCP-03480 | GRCP-05480 | GRCP-07480 | GRCP-10480 | GRCP-12480 | GRCP-15480 | GRCP-20480 |
| <b>60"</b> | GRCP-01600 | GRCP-02600 | GRCP-03600 | GRCP-05600 | GRCP-07600 | GRCP-10600 | GRCP-12600 | GRCP-15600 | GRCP-20600 |
| <b>72"</b> | GRCP-01720 | GRCP-02720 | GRCP-03720 | GRCP-05720 | GRCP-07720 | GRCP-10720 | GRCP-12720 | GRCP-15720 | GRCP-20720 |

