# Branded Pipe Nipples

## Welded Carbon Steel Sch 40 & Sch 80 Specifications

- Black and hot-dipped galvanized steel pipe conforms to ASTM A53
- Welded steel nipples conform to ASTM A733
- NPT threads on nipples conform to ASME B1.20.1
- Manufacturing facility is ISO 9001:2008 and ISO 14001
- Import nipples have SCI Trademark and tracking number
- Domestic nipples available upon request
- Galvanized nipples are certified to; NSF/ANSI 372 and California AB1953 Lead Free

## Seamless Carbon Steel Sch 80 & XXH Specifications

- Seamless steel pipe used conforms to ASTM A106 Grade B
- Seamless steel nipples conform to ASTM A733
- NPT threads on nipples conform to ASME B1.20.1
- Manufacturing facility is ISO 9001:2008 and ISO 14001
- Import nipples have SCI Trademark and heat number
- Domestic nipples available upon request

## Seamless Red Brass Sch 40 Specifications

- Seamless brass pipe conforms to ASTM B43
- Seamless brass nipples conform to ASTM B687
- NPT threads on nipples conform to ASME B1.20.1
- Certified to California AB1953 Lead Free, Section 1417(d) of SDWA

## Stainless Steel Sch 40 & Sch 80 Specifications

- Stainless steel nipple material conforms to ASTM A312
- Stainless steel nipple dimensions conform to ASTM A733 and ASME B36.19
- NPT threads on stainless nipples conform to ASME B1.20.1
- Manufacturing facility is ISO 9001:2008
- Hex and king combo nipples cast in conformance to ASTM A351

Note: Special end finishes and lengths available upon request

## *Fig. 75NIX Black XXH Carbon Steel Pipe Nipples*

| Size in | Close Length | Weight per Each (lb) Packing (Inner/Master) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Close | 1-1/2 | 2 | 2-1/2 | 3 | 3-1/2 | 4 | 4-1/2 | 5 | 5-1/2 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 | 1-1/2 | 0.47 -/100 | | 0.62 -/100 | 0.76 -/75 | 0.93 -/50 | 1.08 -/50 | 1.22 -/40 | 1.37 -/40 | 1.54 -/25 | 1.69 -/25 | 1.84 -/25 | 2.13 -/25 | 2.44 -/20 | 2.75 -/20 | 3.05 -/15 | 3.36 -/15 | 3.66 -/15 |
| 2 | 2 | 1.52 -/25 | | | 1.89 -/20 | 2.27 -/10 | 2.64 -/15 | 3.01 -/10 | 3.39 -/10 | 3.77 -/10 | 4.15 -/5 | 4.53 -/10 | 5.28 -/5 | 6.02 -/5 | 6.78 -/5 | 7.54 -/5 | 8.29 -/5 | 9.04 -/5 |
| 3 | 2-5/8 | 4.16 -/12 | | | | 4.17 -/12 | 5.55 -/9 | 6.33 -/9 | 7.13 -/8 | 7.93 -/6 | 8.72 -/6 | 9.56 -/6 | 12.39 -/4 | 14.16 -/4 | 15.49 -/4 | 17.70 -/4 | 18.58 -/3 | 21.24 -/3 |
| 4 | 2-7/8 | 2.84 - /15 | | | | | | 9.00 - /12 | 10.13 - /10 | 11.25 - /8 | 12.38 - /8 | 13.55 - /8 | 16.13 - /5 | 18.43 - /5 | 20.71 - /4 | 23.00 - /4 | 25.30 - /4 | 27.60 - /4 |

## Steel Nipple Part Numbers

83NI 4 020 120 C

Diameter Length

| Product Group | |
|---|---|
| 83NI | Black |
| 84NI | Galvanized |
| 73NI | Seamless |
| 75NI | XXH |

| Pressure Rating | |
|---|---|
| 4 | Schedule 40 |
| 8 | Schedule 80 |
| X | XXH |

| Country of Origin | |
|---|---|
| | USA |
| C | China |
| U | China w/ Bar Code Label |

| Size | | | | | |
|---|---|---|---|---|---|
| 001 | 1/8 | 016 | 1-3/4 | 090 | 9 |
| 002 | 1/4 | 020 | 2 | 100 | 10 |
| 003 | 3/8 | 024 | 2-1/2 | 110 | 11 |
| 004 | 1/2 | 030 | 3 | 120 | 12 |
| 006 | 3/4 | 034 | 3-1/2 | 180 | 18 |
| 007 | 7/8 | 040 | 4 | 240 | 24 |
| 010 | 1 | 044 | 4-1/2 | 300 | 30 |
| 011 | 1-1/8 | 050 | 5 | 360 | 36 |
| 012 | 1-1/4 | 054 | 5-1/2 | 480 | 48 |
| 013 | 1-3/8 | 060 | 6 | 600 | 60 |
| 014 | 1-1/2 | 070 | 7 | 720 | 72 |
| 015 | 1-5/8 | 080 | 8 | | |

## *Wall Thickness Chart*

| Nominal Pipe Size | Outside Diameter | Sch 40 Wall Thickness | Sch 80 Wall Thickness | XXH Wall Thickness |
|---|---|---|---|---|
| 1/8 | 0.405 | 0.068 | 0.095 | N/A |
| 1/4 | 0.540 | 0.088 | 0.119 | N/A |
| 3/8 | 0.675 | 0.091 | 0.126 | N/A |
| 1/2 | 0.840 | 0.109 | 0.147 | N/A |
| 3/4 | 1.050 | 0.113 | 0.154 | N/A |
| 1 | 1.315 | 0.133 | 0.179 | 0.358 |
| 1-1/4 | 1.660 | 0.140 | 0.191 | 0.382 |
| 1-1/2 | 1.900 | 0.145 | 0.200 | 0.400 |
| 2 | 2.375 | 0.154 | 0.218 | 0.436 |
| 2-1/2 | 2.875 | 0.203 | 0.276 | 0.552 |
| 3 | 3.500 | 0.216 | 0.300 | 0.600 |
| 3-1/2 | 4.000 | 0.226 | 0.318 | N/A |
| 4 | 4.500 | 0.237 | 0.337 | 0.674 |
| 5 | 5.563 | 0.258 | 0.375 | N/A |
| 6 | 6.625 | 0.280 | 0.432 | N/A |
| 8 | 8.625 | 0.322 | 0.500 | N/A |

## *Fig. 86NI4 Schedule 40 Seamless Brass Nipples*

| Size in | Close Length | Weight per Each (lb) Packing (Inner/Master) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Close | 1-1/2 | 2 | 2-1/2 | 3 | 3-1/2 | 4 | 4-1/2 | 5 | 5-1/2 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1/8 | 3/4 | 0.01<br>25/400 | 0.03<br>25/400 | 0.04<br>25/400 | 0.05<br>25/400 | 0.06<br>25/400 | 0.07<br>25/400 | 0.08<br>25/400 | 0.09<br>25/400 | 0.10<br>25/400 | 0.11<br>25/400 | 0.12<br>25/400 | 0.14<br>25/400 | 0.16<br>25/400 | 0.19<br>25/400 | 0.21<br>25/400 | 0.23<br>25/400 | 0.25<br>25/400 |
| 1/4 | 7/8 | 0.02<br>25/400 | 0.05<br>25/400 | 0.06<br>25/400 | 0.08<br>25/400 | 0.10<br>25/400 | 0.12<br>25/400 | 0.14<br>25/400 | 0.16<br>25/400 | 0.18<br>25/400 | 0.20<br>25/400 | 0.21<br>25/400 | 0.25<br>25/200 | 0.29<br>25/200 | 0.33<br>25/200 | 0.36<br>25/200 | 0.40<br>25/200 | 0.44<br>25/200 |
| 3/8 | 1 | 0.04<br>25/400 | 0.06<br>25/400 | 0.09<br>25/400 | 0.12<br>25/400 | 0.14<br>25/400 | 0.17<br>25/400 | 0.19<br>25/400 | 0.22<br>25/400 | 0.25<br>25/300 | 0.27<br>25/300 | 0.30<br>25/300 | 0.35<br>25/150 | 0.40<br>25/150 | 0.46<br>25/100 | 0.51<br>25/100 | 0.56<br>25/100 | 0.61<br>25/100 |
| 1/2 | 1-1/8 | 0.06<br>25/400 | 0.08<br>25/400 | 0.12<br>25/400 | 0.16<br>25/300 | 0.20<br>25/300 | 0.24<br>25/300 | 0.28<br>25/200 | 0.32<br>25/200 | 0.36<br>25/200 | 0.40<br>25/200 | 0.43<br>25/200 | 0.51<br>25/100 | 0.59<br>25/100 | 0.67<br>25/100 | 0.75<br>25/100 | 0.82<br>25/100 | 0.90<br>25/100 |
| 3/4 | 1-3/8 | 0.10<br>25/400 | 0.11<br>25/400 | 0.16<br>25/300 | 0.21<br>25/300 | 0.27<br>25/200 | 0.32<br>25/200 | 0.37<br>25/150 | 0.43<br>25/150 | 0.48<br>25/100 | 0.53<br>25/100 | 0.58<br>25/100 | 0.69<br>25/75 | 0.77<br>25/75 | 0.90<br>25/50 | 1.01<br>25/50 | 1.11<br>25/50 | 1.22<br>25/50 |
| 1 | 1-1/2 | 0.15<br>25/200 | | 0.23<br>25/200 | 0.30<br>25/150 | 0.38<br>25/150 | 0.45<br>25/100 | 0.52<br>25/100 | 0.60<br>25/100 | 0.67<br>25/75 | 0.75<br>25/75 | 0.82<br>25/50 | 0.97<br>25/50 | 1.12<br>25/50 | 1.27<br>25/50 | 1.41<br>20/40 | 1.56<br>20/40 | 1.71<br>20/40 |
| 1-1/4 | 1-5/8 | 0.25<br>25/150 | | 0.33<br>25/100 | 0.44<br>25/100 | 0.55<br>25/100 | 0.66<br>25/50 | 0.77<br>25/50 | 0.88<br>25/50 | 0.99<br>25/50 | 1.10<br>25/50 | 1.21<br>25/50 | 1.43<br>15/30 | 1.65<br>15/30 | 1.86<br>15/30 | 2.08<br>- /30 | 2.30<br>- /30 | 2.52<br>- /30 |
| 1-1/2 | 1-3/4 | 0.29<br>25/100 | | 0.36<br>25/100 | 0.49<br>25/50 | 0.62<br>25/50 | 0.75<br>25/50 | 0.88<br>25/50 | 1.01<br>- /50 | 1.14<br>- /40 | 1.27<br>- /40 | 1.40<br>- /40 | 1.66<br>- /35 | 1.92<br>- /25 | 2.18<br>- /25 | 2.45<br>- /15 | 2.71<br>- /15 | 2.97<br>- /15 |
| 2 | 2 | 0.47<br>25/50 | | | 0.64<br>25/50 | 0.81<br>- /50 | 0.98<br>- /25 | 1.16<br>- /25 | 1.33<br>- /25 | 1.50<br>- /25 | 1.67<br>- /25 | 1.84<br>- /25 | 2.19<br>- /18 | 2.53<br>- /18 | 2.87<br>- /18 | 3.22<br>- /14 | 3.56<br>- /14 | 3.90<br>- /14 |
| 2-1/2 | 2-1/2 | 0.84<br>-/36 | | | | 1.09<br>- /36 | 1.34<br>- /27 | 1.59<br>- /27 | 1.84<br>- /24 | 2.09<br>- /18 | 2.34<br>- /18 | 2.59<br>- /18 | 3.08<br>- /14 | 3.58<br>- /12 | 4.08<br>- /9 | 4.58<br>- /9 | 5.08<br>- /9 | 5.58<br>- /9 |
| 3 | 2-5/8 | 1.26<br>-/24 | | | | 1.53<br>- /24 | 1.88<br>- /18 | 2.24<br>- /18 | 2.60<br>- /16 | 2.95<br>- /12 | 3.31<br>- /12 | 3.67<br>- /12 | 4.38<br>- /9 | 5.09<br>- /8 | 5.81<br>- /8 | 6.52<br>- /6 | 7.23<br>- /6 | 7.95<br>- /6 |
| 4 | 2-7/8 | 2.20<br>- /15 | | | | 2.33<br>-/15 | 2.86<br>-/12 | 3.39<br>- /12 | 3.92<br>- /10 | 4.45<br>- /8 | 4.98<br>- /8 | 5.51<br>- /8 | 6.57<br>- /5 | 7.63<br>- /5 | 8.68<br>- /5 | 9.74<br>- /4 | 10.80<br>- /4 | 11.86<br>- /4 |

| Size in | Weight per Each (lb) Packing (Pieces / Bundle) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 18 | 24 | 30 | 36 | 48 | 60 | 72 |
| 1/2 | 1.37<br>5 | 1.83<br>5 | 2.30<br>5 | 2.77<br>5 | 3.70<br>5 | 4.63<br>5 | 5.56<br>5 |
| 3/4 | 1.85<br>5 | 2.49<br>5 | 3.12<br>5 | 3.76<br>5 | 5.03<br>5 | 6.29<br>5 | 7.54<br>5 |
| 1 | 2.60<br>5 | 3.49<br>5 | 4.38<br>5 | 5.27<br>5 | 7.05<br>5 | 8.81<br>5 | 10.57<br>5 |
| 1-1/4 | 3.84<br>5 | 5.15<br>5 | 6.47<br>5 | 7.78<br>5 | 10.30<br>5 | 12.88<br>5 | 15.45<br>5 |
| 1-1/2 | 4.53<br>5 | 6.10<br>5 | 7.66<br>5 | 9.23<br>5 | 12.36<br>5 | 15.45<br>5 | 18.54<br>5 |
| 2 | 5.96<br>5 | 8.02<br>5 | 10.08<br>5 | 12.14<br>5 | 16.26<br>5 | 19.95<br>5 | 24.50<br>5 |
| 2-1/2 | 8.58<br>3 | 11.57<br>3 | 14.57<br>3 | 17.56<br>3 | 23.20<br>3 | 29.00<br>3 | 38.40<br>3 |
| 3 | 12.23<br>3 | 16.51<br>3 | 20.79<br>3 | 25.07<br>3 | 33.63<br>3 | 42.03<br>3 | 50.44<br>3 |
| 4 | 18.21<br>2 | 24.56<br>2 | 31.05<br>2 | 37.26<br>2 | 49.96<br>2 | 62.45<br>2 | 74.94<br>2 |