



BLN & GN SERIES BLACK & GALVANIZED STEEL NIPPLES - SCHEDULE 40

Specification:

- 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)



Certification:

- CRN Canadian Registration Number Listed
- NSF/ANSI Standard 61 & 372 Certified (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



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DIMENSIONS

Part No.	Part No.	Nominal Pipe Size	Outside Dia.		Wall Thickness		Weight per inch
			inches	mm	inches	mm	
BLN-01xx	GALVANIZED	NPS 1/8	0.405	10.29	0.068	1.73	11.34
BLN-02xx	GALVANIZED	NPS 1/4	0.540	13.72	0.088	2.24	18.14
BLN-03xx	GALVANIZED	NPS 3/8	0.675	17.15	0.091	2.31	26.46
BLN-05xx	GALVANIZED	NPS 1/2	0.840	21.34	0.109	2.77	39.69
BLN-07xx	GALVANIZED	NPS 3/4	1.050	26.67	0.113	2.87	55.19
BLN-10xx	GALVANIZED	NPS 1	1.315	33.40	0.133	3.38	82.40
BLN-12xx	GALVANIZED	NPS 1-1/4	1.660	42.16	0.140	3.56	113.02
BLN-15xx	GALVANIZED	NPS 1-1/2	1.900	48.26	0.145	3.68	134.94
BLN-20xx	GALVANIZED	NPS 2	2.375	60.33	0.154	3.91	185.22
BLN-25xx	GALVANIZED	NPS 2-1/2	2.875	73.03	0.203	5.16	271.02
BLN-30xx	GALVANIZED	NPS 3	3.500	88.90	0.216	5.49	402.19
BLN-40xx	GALVANIZED	NPS 4	4.500	114.30	0.226	5.74	520.50

DIMENSIONS

Part No.	Part No.	close	Length in inches (tolerance of +/- 1/16 inch)															
			xx15	xx20	xx25	xx30	xx35	xx40	xx45	xx50	xx55	xx60	xx70	xx80	xx90	xx100	xx110	xx120
BLN-01xx	GALVANIZED	0.750	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	7.00	8.00	9.00	10.00	11.00	12.00
BLN-02xx	GALVANIZED	0.875	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	7.00	8.00	9.00	10.00	11.00	12.00
BLN-03xx	GALVANIZED	1.000	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	7.00	8.00	9.00	10.00	11.00	12.00
BLN-05xx	GALVANIZED	1.125	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	7.00	8.00	9.00	10.00	11.00	12.00
BLN-07xx	GALVANIZED	1.500	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	7.00	8.00	9.00	10.00	11.00	12.00
BLN-10xx	GALVANIZED	1.625	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	7.00	8.00	9.00	10.00	11.00	12.00
BLN-12xx	GALVANIZED	1.750	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	7.00	8.00	9.00	10.00	11.00	12.00
BLN-15xx	GALVANIZED	2.000	-	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	7.00	8.00	9.00	10.00	11.00	12.00
BLN-20xx	GALVANIZED	2.500	-	-	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	7.00	8.00	9.00	10.00	11.00	12.00
BLN-25xx	GALVANIZED	2.625	-	-	-	3.00	3.50	4.00	4.50	5.00	5.50	6.00	7.00	8.00	9.00	10.00	11.00	12.00
BLN-30xx	GALVANIZED	2.750	-	-	-	3.00	3.50	4.00	4.50	5.00	5.50	6.00	7.00	8.00	9.00	10.00	11.00	12.00
BLN-40xx	GALVANIZED	2.875	-	-	-	-	3.50	4.00	4.50	5.00	5.50	6.00	7.00	8.00	9.00	10.00	11.00	12.00



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