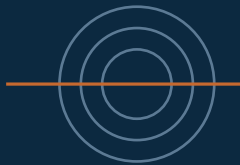


GALVANIZED IRON PIPES

G.I. Pipes | Website Technical Data Sheet



PRODUCT OVERVIEW

Galvanized Iron (G.I.) pipes are corrosion- and rust-resistant pipes suitable for the transmission of potable water, natural gas, oil and other fluids. They are also widely used in fencing, low-cost shelters/housing and general fabrication.

Reference standards: BS EN 10255:2004, ASTM A53, ASTM A795, EN 39 and SLS 829:2009.
Typical range: nominal diameters from 15 mm (1/2 in.) up to 250 mm (10 in.), with wall thicknesses from approximately 1.80 mm to 5.40 mm depending on grade and size.

AVAILABLE OPTIONS

Swaging | Screwed & socketed | Cut-to-length | Close tolerance cutting
Painted / red primer | Black pipe, varnished or oiled | Internal seam removal

APPLICATIONS

- Fluid / oil / water transmission
- Natural gas distribution
- Fencing
- General fabrication
- Low-cost shelters / housing

QUALITY / TESTING

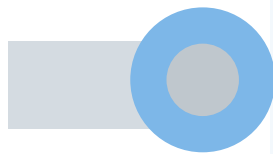
- Hydro-pressure testing up to 50 bar
- Leak-free / NDT testing
- Weld bending & flattening tests
- Straightness & dimensional checks
- Zinc coating / corrosion-resistance checks

PRODUCT FEATURES

- Thread protection caps
- Cut-to-length availability
- Controlled pipe bundle quantities
- Multiple wall-thickness grades
- Supply subject to required standard / project

GI PRODUCT RANGE - GRADE "EEL" (REFERENCE RANGE)

NOMINAL DIA (DN)	NOMINAL PIPE SIZE (NPS)	OUTER DIA MAXIMUM (mm)	OUTER DIA MINIMUM (mm)	WALL THICKNESS STANDARD (mm)	STANDARD PIPE WEIGHT (kg/m)	STANDARD PIPE BUNDLE WEIGHT (6m Length) (kg)	LENGTH OF PIPE PER TON (mtr/ton)	PIPES PER BUNDLE (number)
25	1"	33.50	32.80	1.6	1.245	680	803	91
32	1¼"	42.20	41.60	1.6	1.590	582	629	61
40	1½"	48.10	47.50	1.6	1.823	667	549	61
50	2"	60.20	59.30	1.6	2.295	509	436	37
65	2½"	75.70	74.90	2.0	3.615	803	280	37
80	3"	88.40	87.60	2.0	4.242	611	236	24
100	4"	113.50	112.60	2.3	6.282	716	159	19



AKS - EEL

GI PRODUCT RANGE - GRADE "EEL" (REFERENCE RANGE)

NOMINAL DIA (DN)	NOMINAL PIPE SIZE (NPS)	OUTER DIA MAXIMUM (mm)	OUTER DIA MINIMUM (mm)	WALL THICKNESS STANDARD (mm)	STANDARD PIPE WEIGHT (kg/m)	STANDARD PIPE BUNDLE WEIGHT (6m Length) (kg)	LENGTH OF PIPE PER TON (mtr/ton)	PIPES PER BUNDLE (number)
15	½"	21.00	20.60	1.6	0.758	769	1319	169
20	¾"	26.60	26.10	1.6	0.977	744	1024	127
25	1"	33.50	32.80	2.0	1.536	839	651	91
32	1¼"	42.20	41.60	2.0	1.968	720	508	61
40	1½"	48.10	47.50	2.0	2.259	827	443	61
50	2"	60.20	59.30	2.0	2.848	632	351	37
65	2½"	75.70	74.90	2.3	4.140	919	242	37
80	3"	88.40	87.60	2.3	4.861	700	206	24
100	4"	113.50	112.60	2.6	7.082	807	141	19

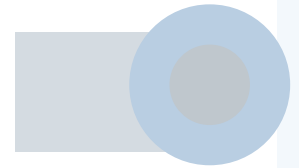


AKS - EEL

Technical ranges adapted from the supplied reference catalogue. Final manufacturer, availability and project specifications are subject to confirmation.

GI PRODUCT RANGE - GRADE "EL" (REFERENCE RANGE)

NOMINAL DIA (DN)	NOMINAL PIPE SIZE (NPS)	OUTER DIA MAXIMUM (mm)	OUTER DIA MINIMUM (mm)	WALL THICKNESS STANDARD (mm)	STANDARD PIPE WEIGHT (kg/m)	STANDARD PIPE BUNDLE WEIGHT (6m Length) (kg)	LENGTH OF PIPE PER TON (mtr/ton)	PIPES PER BUNDLE (number)
15	½"	21.00	20.60	1.8	0.843	855	1186	169
20	¾"	26.60	26.10	2.0	1.201	915	833	127
25	1"	33.50	32.80	2.3	1.750	956	571	91
32	1¼"	42.20	41.60	2.3	2.246	822	445	61
40	1½"	48.10	47.50	2.6	2.898	1061	345	61
50	2"	60.20	59.30	2.6	3.664	813	273	37
65	2½"	75.70	74.90	2.9	5.178	1150	193	37
80	3"	88.40	87.60	2.9	6.086	876	164	24
100	4"	113.50	112.60	3.2	8.668	988	115	19
125	5"	139.00	138.00	3.6	11.976	503	83	7
150	6"	165.00	163.00	3.6	14.240	598	70	7



AKS - EL

GI PRODUCT RANGE - GRADE "L2" (BS EN 10255:2004)

NOMINAL DIA (DN)	NOMINAL PIPE SIZE (NPS)	OUTER DIA MAXIMUM (mm)	OUTER DIA MINIMUM (mm)	WALL THICKNESS STANDARD (mm)	STANDARD PIPE WEIGHT (kg/m)	STANDARD PIPE BUNDLE WEIGHT (6m Length) (kg)	LENGTH OF PIPE PER TON (mtr/ton)	PIPES PER BUNDLE (number)
15	½"	21.40	21.00	2.00	0.947	1053	1056	169
20	¾"	26.90	26.40	2.30	1.380	725	725	127
25	1"	33.80	33.20	2.60	1.980	505	505	91
32	1¼"	42.50	41.90	2.60	2.540	394	394	61
40	1½"	48.40	47.80	2.90	3.230	310	310	61
50	2"	60.20	59.60	2.90	4.080	245	245	37
65	2½"	76.00	75.20	3.20	5.710	175	175	37
80	3"	88.70	87.90	3.20	6.720	149	149	24
100	4"	113.90	113.00	3.60	9.750	103	103	19



AKS - L2

GI PRODUCT RANGE - GRADE "M" (BS EN 10255:2004)

NOMINAL DIA (DN)	NOMINAL PIPE SIZE (NPS)	OUTER DIA MAXIMUM (mm)	OUTER DIA MINIMUM (mm)	WALL THICKNESS STANDARD (mm)	STANDARD PIPE WEIGHT (kg/m)	STANDARD PIPE BUNDLE WEIGHT (6m Length) (kg)	LENGTH OF PIPE PER TON (mtr/ton)	PIPES PER BUNDLE (number)
15	½"	21.80	21.00	2.60	1.21	826	826	169
20	¾"	27.30	26.50	2.60	1.56	641	641	127
25	1"	34.20	33.30	3.20	2.41	415	415	91
32	1¼"	42.90	42.00	3.20	3.10	323	323	61
40	1½"	48.80	47.90	3.20	3.56	281	281	61
50	2"	60.80	59.70	3.60	5.03	199	199	37
65	2½"	76.60	75.30	3.60	6.42	156	156	37
80	3"	89.50	88.00	4.00	8.36	120	120	24
100	4"	115.00	113.10	4.50	12.20	82	82	19
125	5"	140.80	138.50	5.00	16.60	60	60	7
150	6"	166.50	163.90	5.00	19.80	51	51	7



AKS - M

GI PRODUCT RANGE - GRADE "H" (BS EN 10255:2004)

NOMINAL DIA (DN)	NOMINAL PIPE SIZE (NPS)	OUTER DIA MAXIMUM (mm)	OUTER DIA MINIMUM (mm)	WALL THICKNESS STANDARD (mm)	STANDARD PIPE WEIGHT (kg/m)	STANDARD PIPE BUNDLE WEIGHT (6m Length) (kg)	LENGTH OF PIPE PER TON (mtr/ton)	PIPES PER BUNDLE (number)
40	1½"	48.80	47.90	4.0	4.37	229	229	61
50	2"	60.80	59.70	4.5	6.19	162	162	37
65	2½"	76.60	75.30	4.5	7.93	126	126	37
80	3"	89.50	88.00	5.0	10.30	97	97	24
100	4"	115.00	113.10	5.4	14.50	69	69	19
125	5"	140.80	138.50	5.4	17.90	56	56	7
150	6"	166.50	163.90	5.4	21.30	47	47	7



AKS - H

- Also available in 8 in. diameter upon request.
- Swedge pipe can also be supplied in 1 in. and 1¼ in. sizes, subject to availability.