

GI fittings

Shared technical datasheet

PG-GIF-001 | Revision 1 | 25 October 2026

Purpose: predefined item requirements used for procurement, sales and stock. Make / Manufacturer: Enamun.
Brand: Pipedgas. This sheet specifies the required product; it is not a batch MTC, test certificate or operator/vendor approval.

Material	Malleable cast iron, grade BM300, to IS 14329:1995 with applicable amendments.
Dimensions and weight	IS 1879:1987, sections 2-10 as applicable; wall thickness and tolerances per Table 1.2. Reducing outlets follow the dimensions for each nominal end size. Reinforced elbows, tees and sockets.
Threads and outlets	Tapered NPT internal/external threads to ASME B1.20.1; thread gauging to that standard. Chamfered outlets.
Galvanizing	IS 4759:1996 with applicable amendments. Zinc per IS 13229:1991; bath zinc at least 98.5% by mass. Coating mass 610-700 g/m ² , uniform and adherent.
Surface condition	Smooth internal/external surfaces; no cracks, injurious flaws, rust, bare areas or unacceptable coating defects.
Inspection and testing	100% visual, dimensional and pneumatic pressure inspection. Pneumatic test on every fitting per IS 1879:1987 clause 11.1(b). Compression test per clause 12; witness/sampling per clause 14 and project requirements.
Pressure / application	Working-pressure rating is not stated in the referenced pages and is not inferred from a test clause. Confirm suitability against the project design and applicable code before selection for service.

Source: Technical_Volume_CP18519.pdf, PDF pages 179-182, VPC-SS-PE-0006, Rev 00. The GI specification cover is on PDF page 178, issued as standard 18 June 2018. This is a paraphrased requirements summary; the referenced tender and applicable project documents govern.

Launch item coverage

Same technical specification and datasheet for purchasing and selling each exact SKU.

SKU	Item	Nominal size	Ends
PG-SKU-0000009	GI Elbow	1/2 inch	Female / female
PG-SKU-0000010	GI Tee	1/2 inch	Three female ends
PG-SKU-0000011	GI Socket	1/2 inch	Female / female
PG-SKU-0000012	GI Union	1/2 inch	Female / female
PG-SKU-0000013	GI Plug	1/2 inch	Male
PG-SKU-0000014	GI Reducing M/F Elbow	3/4 x 1/2 inch	3/4 female x 1/2 male
PG-SKU-0000015	GI Reducing Socket	3/4 x 1/2 inch	Female / female
PG-SKU-0000016	GI Reducing Elbow	3/4 x 1/2 inch	Female / female

Buying configuration

Unit: piece. Default MOQ: 1 piece; default order increment: 1. Commercial pack/order settings can be changed in Product configuration. Supplier confirmation of MOQ is not a prerequisite for item approval. Project-specific packaging is agreed during the applicable procurement/QAP process.

Evidence at supply and receipt

Check each supplied lot against this same item specification. Obtain applicable material test certificates, internal inspection/test reports and relevant licences or approvals. Record the actual document issuer and lot. An Enamun requirements sheet is not a manufacturer batch certificate.

Marking and project applicability

Manufacturer, fitting identification, size and lot traceability follow the applicable specification. The tender includes IGL/BIS marking requirements; this sheet does not assert certification, authorise logos or claim operator approval. Project-approved-make requirements must be checked for the specific contract.

Product images

Catalogue images are generated representative illustrations, labelled "Illustrative image". They show fitting type and connection arrangement, not guaranteed dimensions, supplied markings or actual stock condition. The reducing M/F orientation was confirmed by the product owner on 25 October 2026.