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PRODUCT SUPPLY DATASHEET · CARBON STEEL PIPES & FITTINGS

Carbon Steel Butt-Weld Fittings

Carbon steel butt-weld elbows, reducers and tees for welded industrial piping, HVAC systems and fire-protection networks.



Black carbon steel butt-weld fittings: long radius elbows, equal tee, concentric reducer and cap

Product	Carbon Steel Butt-Weld Fittings
Category	Carbon Steel Pipes & Fittings
Range supplied	Elbows, Reducers, Tees
Typical applications	Industrial piping, HVAC systems, Fire protection
Brands and sources	Vallourec, Nippon Steel
Supplied from	Riyadh, Saudi Arabia; delivery across the Kingdom
Enquiries	+966 51 076 7420 (phone / WhatsApp) Info@alsafsaafcontracting.com

OVERVIEW

Butt-weld fittings are bevelled on both ends and welded directly to the pipe, giving a joint as strong as the pipe wall with a smooth internal bore. In carbon steel systems they form every change of direction, branch and size step on chilled-water, condenser-water, steam, fire-main and process lines that are welded rather than grooved or threaded.

Al Safsaaf supplies carbon steel elbows, reducers and tees sourced from Vallourec and Nippon Steel, for industrial piping, HVAC systems and fire-protection networks.

Specify the fitting type, nominal size (run and branch for reducing tees, large and small end for reducers), schedule to match the pipe, material grade, elbow radius (long or short) and the dimensional standard, and state whether seamless or welded fittings are acceptable. Fittings should carry the same schedule as the connecting pipe so the weld bevels align; where they differ, a transition detail is needed.

SUPPLY NOTES

- Full-strength welded joint with a smooth bore
- Elbows, tees and reducers cover direction, branch and size changes
- Suited to welded HVAC, fire-main and process systems
- Sourced from Vallourec and Nippon Steel

TO CONFIRM AT ENQUIRY

Please state the following so the correct item is quoted:

- Size and schedule range
- Material grade
- Dimensional standard
- Elbow radius options
- Test certification (MTC)

> **About this document.** This datasheet summarises the product range supplied by Al Safsaaf Trading & Contracting Company. It is not a manufacturer's data sheet or a mill test certificate. Material grade, dimensions, pressure class, coating and certification are confirmed in the quotation, and manufacturer documentation and test certificates are supplied with the goods where applicable.