Email : sales@scilabexport.com
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Product Name :

Bend 90º equal fxf GI 4" ND 14 Bar

Product Code :

SLE/WDF/06



Science Lab
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Description :

Bend 90º equal fxf GI 4" ND 14 Bar (Product Code: SLE/WDF/06) is a right-angle galvanised iron pipe bend used to turn a 4-inch threaded water line through 90° in pressurised supply and distribution systems. Both ends are female-threaded (fxf) to the same 4" nominal diameter, sosite crews can route mains around corners, walls and tank connections without a change of size.It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, together with related water-supply fittings.

Specifications

Parameter	Detail
Fitting type	90° equal bend, female both ends (fxf)
Nominal diameter	4" at both ends
Thread	Internal (female) thread
Material	Malleable cast iron
Finish	Hot-dip galvanised and threaded after galvanising
Pressure rating	14 bar (200 lb/sq inch)
For use with	Galvanised iron water pipes
Product code	SLE/WDF/06
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the 4-Inch GI 90° Bend Used For?

Pipe routes rarely run straight from source to outlet. The Bend 90º equal fxf GI 4" ND 14 Bar lets a 4-inch galvanised main turn a corner — up a wall from a pump, across to an overhead tank or around a building footing — while keeping the same bore on both sides of the turn. Compared with a short elbow, a bend generally sweeps through a gentler curve, which helps water change direction more smoothly in larger lines.

Each end takes a male-threaded 4" GI pipe or a threaded nipple. Seal the male threads with tape or jointing compound, screw each pipe fully home, and set the bend's alignment before the final turn, because a threaded fitting cannot be backed off without loosening the joint. Anchor the pipes close to the turn, where line forces act, and check the finished run against the 14 bar rating during pressure testing.

What to Specify When Ordering

- Quantity of 4" bends for each route or site.
- Confirmation that the line is 4" nominal diameter GI pipe with male-threaded ends.
- Whether a bend or a short elbow suits the space available at each corner.
- Other fittings needed on the same line, such as crosses, nipples or plugs.

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