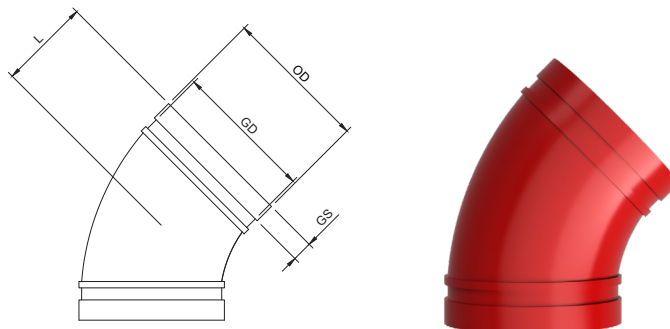


Size range: 2½" - 10"



Grooved long radius elbows provide an economical and efficient method of changing direction in grooved piping systems.

Reference		Nominal size		Pipe Ø O.D.	Grooved long elbow 45° dimensions			Weight	Marking
Red	Galva	NPS inch	DN mm	mm	L mm	GD mm	GS mm	kg	
GBL45R	GBL45G	2½	65	76,1	55	72,3	15,9	0,75	GBL45X
GBL45R	GBL45G	3	80	88,9	70	84,9	15,9	1,10	GBL45X
GBL45R	GBL45G	4	100	114,3	76	110,1	15,9	1,60	GBL45X
GBL45R	GBL45G	5	125	139,7	83	135,5	15,9	2,46	GBL45X
GBL45R	GBL45G	6	150	168,3	89	164	15,9	3,41	GBL45X
GBL45R	GBL45G	8	200	219,1	108	214,4	19,1	7,16	GBL45X
GBL45R	GBL45G	10	250	273,0	121	268,3	19,1	10,40	GBL45X

Material specifications

Housing: ductile iron conform to ASTM A536 GR 65-45-12.

Coating:

- Red paint coating RAL 3000, EPD epoxy coating (any other colour on request).
- Hot dip galvanised.

Working pressure

Working pressure equivalent to the connecting couplings.

GENERAL INFO

- The listed pressure values are CWP (cold working pressure) or maximum tolerated, working pressure within the temperature limits of the gasket that is used in the applied coupling. This rating may occasionally differ from maximum working pressure listed and/or approved by UL and/or FM, as testing conditions and test pipes can differ. For more information, please contact info@pipinglogistics.eu.
- Maximum working pressure listed is total of internal and external pressures based on standard weight (ANSI) steel pipe and standard roll or cut groove in accordance with Profit specifications. For more information, please contact info@pipinglogistics.eu.
- For one time field test only, the maximum joint working pressure may be increased by 150% the figure shown.
- Piping Logistics reserves the right to change specifications, designs and/or standard equipment without notice and without incurring in any obligations.
- Profit red coated products are intended for piping with indoor application (EN 12944-2 corrosivity category C1 & C2). For outdoor installations near the sea (corrosivity category C3) we advise the use of our hot dip galvanised couplings and fittings. For application in corrosivity category C4 (higher salinity climate) or higher, please contact info@pipinglogistics.eu.
- Installers should be trained or experienced to install and understand the product.
- Read and understand all technical datasheets and installation instructions before attempting to install, remove or adjust any Profit piping products.
- Depressurise and drain the sprinkler installation system before attempting to install, remove or adjust any Profit Piping products.
- Never work on piping-systems that are pressurised and /or filled with water.
- Use the necessary Personal Protection Equipment (PPE) to avoid personal injury (helmet, safety shoes and goggles, Profit gloves).



Failure to follow these instructions could result in death or serious injury and property damage.

We advise to always store our products in closed and dry environments, the products do not need any specific maintenance once installed on an above ground sprinkler installation.

REVISION TABLE

Date	△	Notes
03/12/2025		Initial release.