

# Pipe Elbows



TANK TRAILER

2" x 90° Pipe Elbow  
Part Number: HS2X90PE12

Designed for transferring corrosive liquids and vapors, the UHMWPE Hazarsolve® product line delivers lightweight, corrosion-resistant performance with better gasket seating, low maintenance, and high durability across a range of applications.

## FEATURES & BENEFITS

- Lightweight UHMWPE.
- Abrasion and corrosion resistant.
- Available in a variety of sizes.
- Better gasket seating.
- Low maintenance.
- High break property.

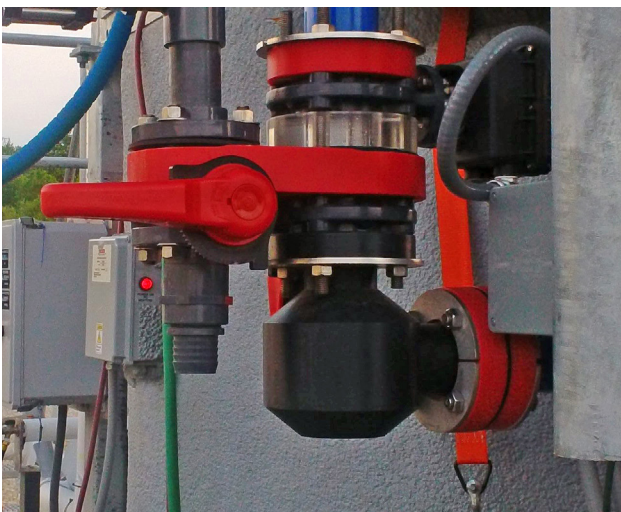
## LIGHT BUT STRONG

Economical and lightweight products that can easily be installed by one worker. Stucki's pipe elbows are produced from UHMWPE, making them six times more abrasive resistant than its steel counterpart.

## VARIETY OF SIZES

Elbows are available in a variety of sizes, flanges can be constructed to suit any inlet/outlet application. Pipes and flanges can withstand temperatures between -40°F and +180°F. Concentric serrations on the flange enables positive sealing of gaskets.

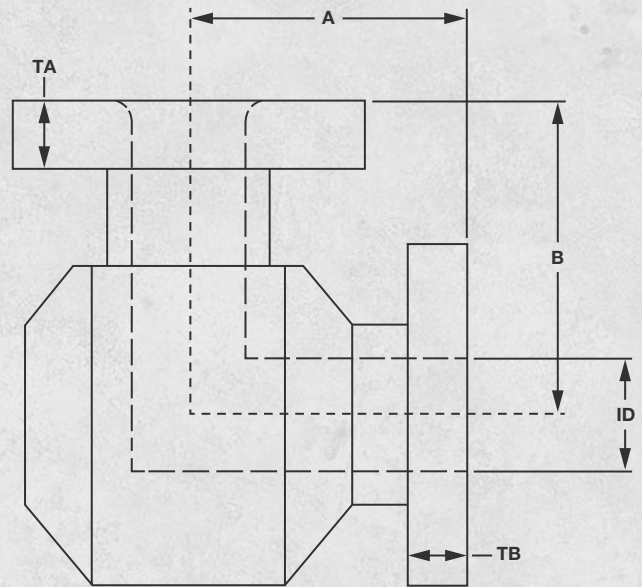
See back side for technical specs ►



### CUSTOMIZABLE SIZES AVAILABLE

SIZE	A	TA	B	TB	ID
2"	5.88	1.50	5.93	1.50	1.75
3"	6.00	1.50	7.00	1.25	2.50
4"	7.00	2.00	7.00	1.50	4.00
6"	9.00	2.00	10.00	2.00	5.50

All flanges have 150 lb bolt pattern. Other bolt are available upon request.



Mechanical Properties	Metric	English	Comments
Hardness, Shore D	66	66	ASTM D2240
Tensile Strength, Ultimate	40 MPa	5800 psi	ASTM D638
Elongation at Break	300%	300%	ASTM D638
Tensile Modulus	0.689 GPa	100 ksi	ASTM D638
Flexural Modulus	0.758 GPa	110 ksi	ASTM D790
Flexural Yield Strength	24.1 MPa	3500 psi	ASTM D790
Compressive Strength	20.7 MPa	3000 psi	10% Def. 73F; ASTM D695
Compressive Modulus	0.552 GPa	80 ksi	ASTM D965
Shear Strength	33.1 MPa	4800 psi	ASTM D732
Coefficient of Friction	0.12	0.12	Dry vs. Steel; QTM55007
Limiting Pressure Velocity	0.0701 MPa-m/sec	2000 psi-ft/min	4 : 1 safety factor; QTM 55007
Izod Impact, Notched	NB	NB	ASTM D256 Type A