

3D Cast IMPACT ELBOW / 60EPZ End Cap



For pressure rating, listing, and approval information, refer to data sheet or visit SHURJOINT website www.shurjoint.com for details or contact your SHURJOINT representatives.

The Schedule 80 3D Cast Impact Elbow is a high-performance pipeline component specifically engineered for underground paste applications. Designed with an integrated sweep tee and boot section, this elbow serves as a self-wearing impact section at the bottom of a borehole, significantly reducing wear on the bend and extending the lifespan of the system.

The Schedule 80 3D Cast Impact Elbows work with **Model XH-70EP** end-protection couplings and **60EPZ** end-protection End Cap.

key features & benefits

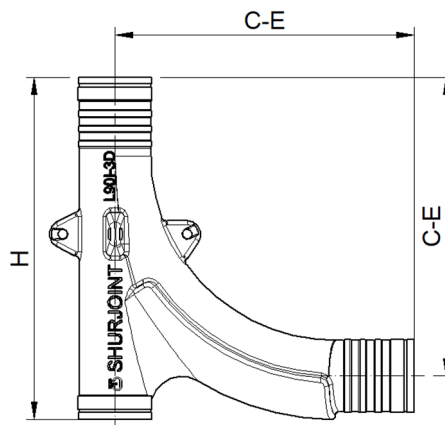
- **Fitting body**
The boot section absorbs impact forces, minimizing abrasion and extending the service life of the elbow.
- **Optimized Flow Dynamics**
The 3D long-radius design reduces turbulence and pressure loss, maintaining efficient paste flow.
- **Schedule 80 Manufactured**
Built for high-pressure and abrasive environments, ensuring reliability in underground operations.
- **Extended Longevity**
Significantly reduces maintenance and replacement frequency, lowering operational downtime.
- **Operational Integrity**
Engineered to withstand the harsh conditions of paste backfill applications, ensuring system performance and reliability.

material specification

- **Fitting body:**
Ductile iron conforms to ASTM A536, Gr. 65-45-12 Sch. 80 thickness.
- **Surface Finish:**
Orange color painted.

Ideal for mining and industrial paste distribution systems, this cast impact elbow is the solution for reducing premature wear and improving the overall efficiency of underground piping networks.

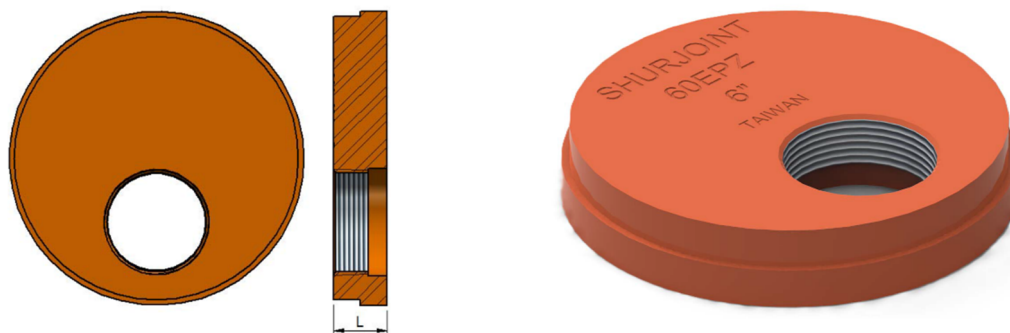
MODEL L90I-3D CAST 3D 90° IMPACT ELBOW



Model L90I-3D Cast 3D 90° Impact Elbow

Nominal		C-E	H	Weight
Pipe Size	Pipe O.D.			
in	in	in	in	lbs
mm	mm	mm	mm	kg
6	6.625	27.0	31.0	203
150	168.3	685	785	92
8	8.625	38.0	33.0	335
200	219.1	962	837	152

MODEL 60EPZ End-Protection End Cap (carbon steel)



Model 60EPZ End Cap

Nominal		NPT / BSP	L	Weight
Pipe Size	Pipe O.D.			
	in	in	in	lbs
	mm	mm	mm	kg
6	6.625	2.00	1.22	11.0
150	168.3	5.08	31.0	5.00
8	8.625	2.00	1.33	21.2
200	219.1	5.08	33.9	9.60

General note

- *Pressure ratings* for fittings conform to the working pressure of the coupling used to join the system.
- Field Joint Test: For one time only, the system may be tested hydrostatically at 1¼ times the maximum working pressure listed (AWWA C606 5.2.3).
- Warning: Piping systems must always be depressurized and drained before attempting disassembly and or removal of any components.
- The 10 Year Limited Warranty applies to manufacturing defects only and does not cover severe service/temperature applications or wear parts.
- Shurjoint reserves the right to change specifications, designs and or standard without notice and without incurring any obligations.