



Rubber Elbows

Designed and manufactured with a natural rubber, neoprene, SBR or chlorobutyl continuous weartube layer, these rugged elbows withstand abrasive and corrosive slurries in suction or discharge service.

- Steel spring wire and fabric reinforcement
- Integrated nipples
- Not affected by thermal excursions
- Available up to 100PSI
- Can replace rigid pipe in many applications
- Reducing dimensions possible
- ID's from 3" to 30"
- Available from 22½° to 180° with one tangent
- Rotating style flanges available
- Continuous wear tube terminates on flange face
- Easily seals misaligned connections
- Ozone resistant cover
- Abrasion and corrosion resistant weartube



Great for abrasive or corrosive media found in chemical, mineral beneficiation and coal fired power plant use

Replaces rigid connectors to improve flexible attachment

Better wear than rigid pipe

Match misalignment in older facilities

Reduce in-plant noise and vibration

Call or e-mail us and an experienced Townley Technical Sales Representative will work with you to specify the right elbow and options for your application



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Rubber Elbows

Townley elbows can be constructed in a variety of configurations to suit your application. This is especially helpful when replacing rigid pipe or in older circuits where settling has occurred.



Our Technicians begin the set-up with a steel mandrel matching the specified ID and planned configuration



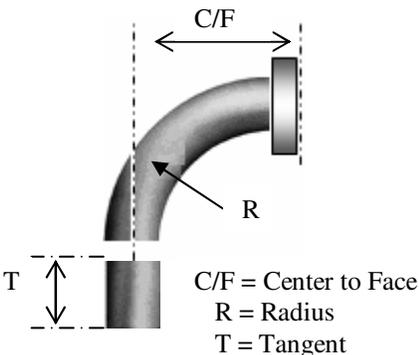
Nipples with flanges attached are pre-lined and locked onto the mandrel at proper center to face dimensions

After laying-up the correct weartube thickness, the elbow is reinforced with layers of fabric and wire to ensure the finished elbow meets the pressure rating desired.



Once the assembly is complete, the elbow is wrapped with a temporary shape retention covering and vulcanized in our computer controlled autoclave

After sufficient cool down the mandrel is pulled from the elbow then the flashing trimmed and flanges painted ready for shipping



NOTES:

- Long radius standard
- Typical center to face & radius = 1.5 X I.D.
- Tangent one side only, customer defined length
- Flexibility of dimensions or options such as taps, lifting eyes or other radius styles available due to our custom mandrel capability

Sales & Manufacturing Centers

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