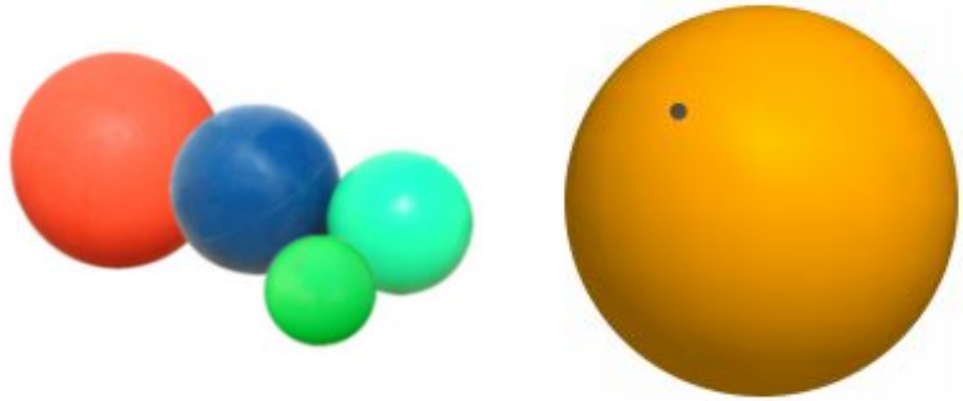


PIPELINE SPHERES



DESCRIPTION

Inline's polyurethane spheres are ideal for removing liquids from wet gas systems, meter proving, measurement services, product separation, hydrostatic line testing and wax control in crude oil pipelines. Our spheres are manufactured with the highest quality polyurethane using a unique process that allows the sphere to be seamless and eliminating the possibility of seam splitting or delaminating during service. This manufacturing process also allows for the valve bodies to be firmly embedded in the sphere wall which prevents leakage around the valve.

Inline's offers both inflatable and solid designs in a variety of sizes and durometers of hardness.

FEATURES & BENEFITS

- One piece, seamless construction
- Greater flexibility for adapting to changing line conditions
- Lasting service in the worst pipeline conditions
- Reliable performance in high-pressure gas service and sour crude oil environments
- Better abrasion and blister resistance
- More consistent wall thickness offering truer diameters, uniform wear and constant wall contact in prover and pipeline operations

OPTIONS

- Solids, 2" – 6" diameter
- Inflatable Sizes, 6" – 42" diameter
- Several durometer hardnesses
- We will fill and size inflatable spheres
- Sizing rings available

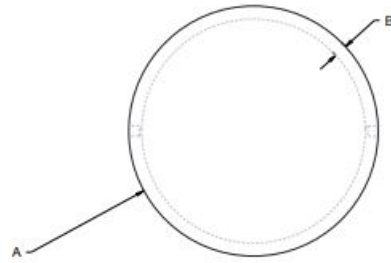
Inline Services, LLC.
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Tomball, TX 77375

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fax: 281.401.8147

www.inlineservices.com
sales@inlineservices.com

INTELLIGENT PIPELINE CLEANING
corrosion control • dewatering • pit cleaning

SIZE SPECIFICATIONS



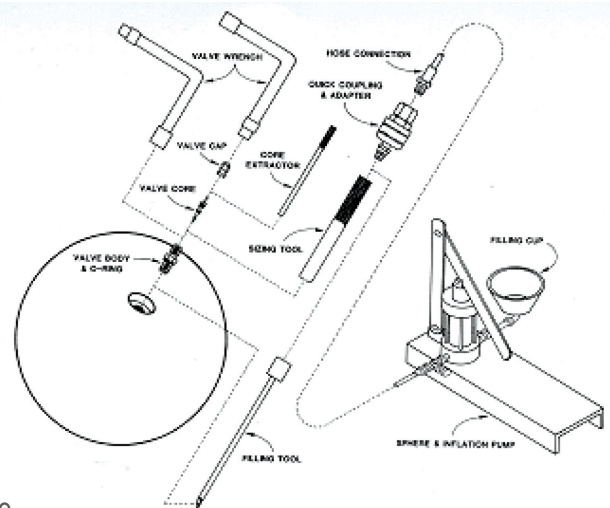
Size	A Inches	B Inches	Weight lbs	Line or Prover	Size	A Inches	B Inches	Weight lbs	Line or Prover
2"	2	Solid	0.23	Both	10"	10.5	2	20	Both
3"	3	Solid	0.6	Both	12"	11.7	2	35	Both
4"	3.9	Solid	2.3	Both	12"	12	2	35	Both
4"	4	Solid	2.3	Both	12"	12.3	2	35	Both
4"	4.1	Solid	2.3	Both	12"	12.7	2	35	Both
4"	4.2	Solid	2.3	Both	14"	13	2.25	55	Both
6"	5.9	1.5	5	Both	14"	13.3	2.25	55	Both
6"	6.1	1.5	5	Both	16"	14.3	2.5	68	Both
6"	6.2	1.5	5	Both	16"	15.3	2.5	68	Both
6"	6.4	1.5	5	Both	18"	17.3	2.5	97	Both
8"	7.7	1.75	9.5	Both	20"	19.3	3	120	Both
8"	8	1.75	9.5	Both	22"	21	3	140	Both
8"	8.2	1.75	9.5	Both	24"	23	3	190	Both
8"	8.3	1.75	9.5	Both	30"	28.5	3	315	Both
10"	9.5	2	20	Both	30"	29.3	3	315	Both
10"	10	2	20	Both	36"	34.5	3	506	Both
10"	10.3	2	20	Both	42"	41.25	3.5	817	Both

SPHERE INFLATION INSTRUCTIONS

FILLING THE SPHERE

The steps below should be followed to properly fill an Inline sphere with a liquid:

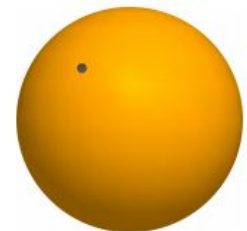
- Remove Valves
- Remove valve caps and depress valve core to ensure no pressure is inside the sphere
- Inspect Valves
- Remove both valves and make certain that the o-rings are not damaged. Replace if necessary. (Be sure that the stems are seating properly.)
- Reinstall one of the valve bodies and hand tighten valve cap. (Over tightening may damage the o-ring. Use the core extractor to remove or tighten the stem if necessary. Do not install second valve at this time.)
- Fill Sphere with Liquid



Note: The small end of the valve wrench fits the cap and the large end fits the hex on the valve body

SIZING THE SPHERE

- Screw the sizing tool onto the valve body and attach the pump hose.
- Pump more liquid into the sphere until it expands to the proper diameter.
- Replace the cap with the small end of the valve wrench.



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