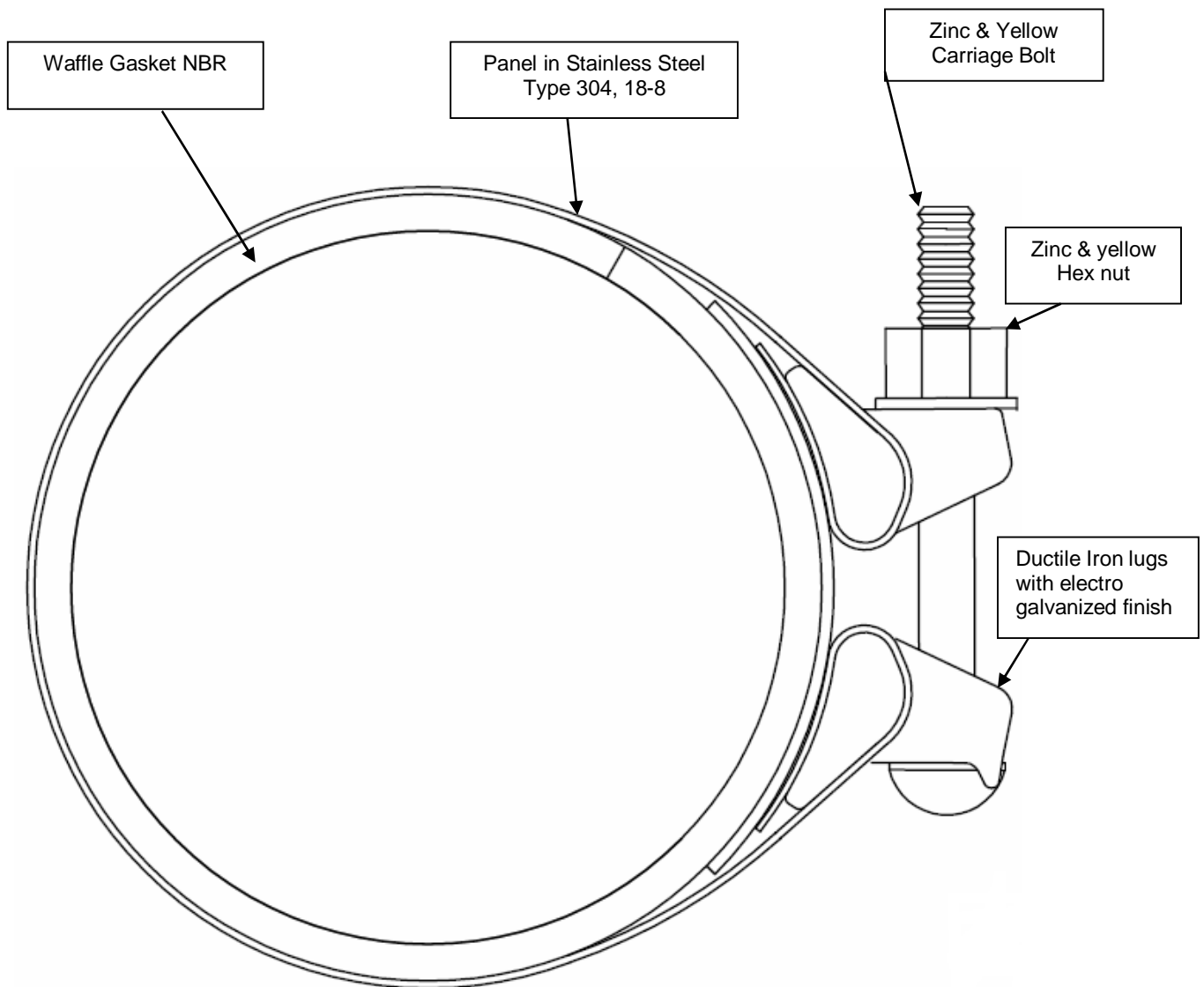


**Scope**

The intent of the specification is to receive 1/2"  $\phi$  2" diameter stainless steel Complete Circle clamp capable of repairing leaks in both IPS and CTS pipes. The clamp furnished shall be equivalent to Model 3152 as manufactured by Power Pipeline Products Corporation.



**Features and Benefits**

1. Materials do not compromise the integrity of the pipeline.
2. Captive bolt design makes installation easy and eliminates loose pieces in the field.
3. Can be manufactured to fit any diameter of pipe.
4. Ductile iron galvanized lugs with drop in bolt design..



***Design and Material Specification***

1. The patch clamp shall meet or exceed all material specifications as listed below.
2. The exterior band of the patch clamp shall be type 304 (18-8) stainless steel.
3. The clamp shall have a waffle type gasket permanently attached to the panel at the factory.  
The gasket shall be in NBR. It shall be free from porous areas, foreign material, and visible defects, all made from 100% new rubber; able to work on temperatures of -25 to +248°F.
4. Lugs shall be ductile iron with electrogalvanized finish.
5. Carbon Steel bolts and nuts per ASTM A307, with electrogalvanized dichromate finish for added corrosion resistance. Optional Stainless steel available.
6. There shall be no paper or plastic adhesive labels attached to the patch clamp, any information appearing on the clamps shall be stenciled.

Material Specifications		
Part Name	Material	Mat. specs
Panel	Stainless Steel type 304	ASTM A240
Lugs	Galvanized Ductile Iron	ASTM A536
Bolts	Zinc & Yellow	ASTM A325
Nuts	Zinc & yellow	ASTM A563
Gasket	NBR	ASTM D2000

