

# SUBMITTAL SHEET

## Ductile Iron “Self-Restrained” Repair Coupling For IPS Plastic Pipe



<b>SIZES:</b> .....	<b>2”, 2-1/2”, 3” &amp; 4” IPS</b>
<b>MATERIAL:</b> .....	<b>Class 350 Ductile Iron per ASTM A-536, Grade 65-45-12, AWWA C153</b>
<b>PRESSURE RATING:</b> .....	<b>250 PSI</b>
<b>EPOXY COATING:</b> .....	<b>ANSI/AWWA C116/A21.16-09, NSF 61 &amp; CSA Z245.20-98, 10-12 MIL</b>
<b>HARDWARE:</b> .....	<b>Low Alloy Steel ANSI/AWWA C11/A21.11, Optional 304 &amp; 316 stainless</b>
<b>BELL SOCKETS:</b> .....	<b>Deep Bell, ANSI/AWWA C116/A21.16-09</b>
<b>GASKETS:</b> .....	<b>High grade EPDM rubber ANSI/AWWA C111/A21.11</b>
<b>INSTALLATION:</b> .....	<b>Per IPS Pipe Standards</b>

### Specification:

Fittings shall be ductile iron, deep bell, gasket style made in accordance with ASTM A-536, Grade 65-45-12 & AWWA C153. Fittings shall have joint restraint system cast within the fitting. Joint restraints shall have blunt cast serrations, so damage of the outer pipe surface will not occur. Machined threaded restraints shall not be allowed. All gaskets shall be manufactured of high grade EPDM rubber. Epoxy Coating on interior & exterior surfaces of fittings shall be fusion bonded epoxy, 10-12 mil thickness. The epoxy coated fittings shall pass 90-Day immersion tests per CSA Z245.20-98. All fittings shall be manufactured by Leemco, Inc., U.S.A.



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**Leemco has a large variety of Restrained Fittings & Accessories...**  
Please refer to our IPS Price Lists for available Models and Sizes.