

# DE30-GG

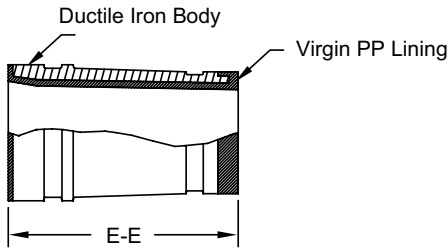
Dielectric Transition Fitting (IPS X CTS)



### ROLL SET

*As copper tubing is thinner than carbon steel pipe, always use a roll set specifically designed for use on copper tubing.*

Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO#:	
Rep:	
Wholesale Dist.:	



The Model DE30-GG Dielectric Transition Fitting provides a direct transition between a grooved-end steel pipe (IPS) and grooved end copper tubing. The fittings internal lining effectively eliminates galvanic local cell and stray current problems. The Model DE30-GG is designed for use at temperatures from -40°F to 230°F (-40°C to 110°C) and pressures up to 300 psi (20 bar).

### Material Specifications:

- Housing: Ductile Iron conforming to ASTM A536, electro-deposition coated.
- Liner: Virgin polypropylene to ASTM D4101.

## DIMENSIONS

NOMINAL SIZE	ACTUAL PIPE O.D.		E-E	WEIGHT
	STEEL PIPE	COPPER TUBING		
in	in	in	in	lb
mm	mm	mm	mm	kg
2	2.375	2.125	4.00	1.3
50	60.3	54.0	102	0.6
2-1/2	2.875	2.625	4.00	1.9
65	73.0	66.7	102	0.9
3	3.500	3.125	4.00	2.9
80	88.9	79.4	102	1.3
4	4.500	4.125	4.00	3.3
100	114.3	104.8	102	1.5
5	5.563	5.125	4.00	5.2
125	141.3	130.2	102	2.4
6	6.625	6.125	4.00	6.9
150	168.3	155.6	102	3.1
8	8.625	8.125	4.00	9.4
200	219.1	206.4	102	4.3

## GENERAL NOTES

- Maximum Working Pressure (CWP) listed is the maximum cold water pressure for general piping services tested to ASTM F1476 and or AWWA C606 methods. Figures listed are based on roll- or cut-grooved standard wall carbon steel pipe. For other pipe schedules or pipe materials, contact Shurjoint for additional information.
- Max. End Load is calculated based on the maximum working pressure (CWP).
- Field Joint Test: For one time only the system may be tested hydrostatically at 1.5 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.