

Concentric Reducer Written Specification

1. Scope
 - 1.1. This specification covers requirements for fiberglass tees for use in piping systems where corrosion resistance and higher pressures and/or temperatures are required.
2. Design
 - 2.1. Concentric type, integral, and flanged.
 - 2.2. Load rated for 25 psi at 135°F.
 - 2.3. Flanges are flat faced and sized according to PS-15-69 with ASME Class 150 drilling pattern.
 - 2.4. Reducers will include an integral ¼in NPT fitting.
3. Construction
 - 3.1. All reducers are made with multilayer filament wound fiberglass laminate with UV inhibitors.
 - 3.2. Exterior is coated with an epoxy resin to provide an additional layer of protection.

Dimensions and Weights

Sizing Chart				
Influent Size (in)	Effluent Size (in)	A (in)	Weight (lbs)	Smart Part Number
3	2	6	1	RDC-0302-FRP
3	2 ½	6	1	RDC-0325-FRP
4	2	7	1	RDC-0402-FRP
4	2 ½	7	2	RDC-0425-FRP
4	3	7	3	RDC-0403-FRP
5	4	8	5	RDC-0504-FRP
6	2 ½	9	4	RDC-0625-FRP
6	3	9	4	RDC-0603-FRP
6	4	9	5	RDC-0604-FRP
6	5	9	6	RDC-0605-FRP
8	3	11	8	RDC-0803-FRP
8	4	11	8	RDC-0804-FRP
8	5	11	9	RDC-0805-FRP
8	6	11	9	RDC-0806-FRP
10	5	12	12	RDC-1005-FRP
10	6	12	12	RDC-1006-FRP
10	8	12	14	RDC-1008-FRP
12	6	14	16	RDC-1206-FRP
12	8	14	17	RDC-1208-FRP
12	10	14	18	RDC-1210-FRP
14	8	16	19	RDC-1408-FRP
14	10	16	20	RDC-1410-FRP
14	12	16	22	RDC-1412-FRP
16	8	18	28	RDC-1608-FRP
16	10	18	30	RDC-1610-FRP
16	12	18	32	RDC-1612-FRP
16	14	18	34	RDC-1614-FRP

