

## Technical Information

Diameter to Radius Ratio	Anticipated reduction in wall thickness (from actual starting thickness)
2.0 (Radius / OD)	18.0%
2.0 (Radius / NB)	20.0%
2.5 (Radius / OD)	16.0%
2.5 (Radius / NB)	17.0%
3.0 (Radius / OD)	15.0%
3.0 (Radius / NB)	16.0%
4.0 (Radius / OD)	9.0%
4.0 (Radius / NB)	10.0%
5.0 (Radius / OD)	8.0%
5.0 (Radius / NB)	8.0%
6.0 (Radius / OD)	6.0%
6.0 (Radius / NB)	6.0%

Diameter to Radius Ratio	Anticipated Ovality Percentage							
	((max. OD – min. OD) / nominal OD) * 100							
	OD / WT = '10'	OD / WT = '20'	OD / WT = '30'	OD / WT = '40'	OD / WT = '50'	OD / WT = '60'	OD / WT = '70'	OD / WT = '80'
2.0 (Radius / OD)	3.7	4.7	5.7					
2.0 (Radius / NB)	4.0	5.1	6.2					
2.5 (Radius / OD)	3.2	3.8	4.7	5.5				
2.5 (Radius / NB)	3.5	4.1	5.1	6.0				
3.0 (Radius / OD)	2.8	3.4	4.2	4.8	5.5			
3.0 (Radius / NB)	3.0	3.7	4.6	5.2	6.0			
4.0 (Radius / OD)	2.3	2.8	3.3	3.8	4.3	4.8		
4.0 (Radius / NB)	2.5	3.0	3.6	4.1	4.7	5.3		
5.0 (Radius / OD)	2.1	2.5	2.8	3.3	3.7	4.1	4.5	
5.0 (Radius / NB)	2.3	2.7	3.0	3.6	4.0	4.6	4.9	
6.0 (Radius / OD)	1.8	2.3	2.6	2.8	3.3	3.6	3.8	4.4
6.0 (Radius / NB)	2.0	2.5	2.8	3.0	3.6	3.9	4.1	4.9