

# Smoothwall Conduit Sizes



## SDR PRODUCT DIMENSIONS

Pipe Size <sup>A/D</sup>	Avg OD, in	SDR <sup>D</sup>	7	9	11	13.5					
.75"	1.050	Min wall, in	0.150	0.117	0.095	0.078					
		Avg ID <sup>C</sup> , in	0.732	0.803	0.848	0.874					
		Weight, lb/ft	0.187	0.148	0.124	0.103					
1"	1.315	Min wall, in	0.188	0.146	0.120	0.097					
		Avg ID <sup>C</sup> , in	0.917	1.005	1.062	1.206					
		Weight, lb/ft	0.288	0.232	0.195	0.161					
1.25"	1.660	Min wall, in	0.237	0.184	0.151	0.123					
		Avg ID <sup>C</sup> , in	1.157	1.269	1.340	1.399					
		Weight, lb/ft	0.459	0.369	0.310	0.257					
1.5"	1.900	Min wall, in	0.271	0.211	0.173	0.141	15.5*	17*			
		Avg ID <sup>C</sup> , in	1.325	1.452	1.534	1.601					
		Weight, lb/ft	0.600	0.485	0.406	0.337					
2"	2.375	Min wall, in	0.339	0.264	0.216	0.176	0.153	0.140			
		Avg ID <sup>C</sup> , in	1.656	1.816	1.917	2.002	2.050	2.079			
		Weight, lb/ft	0.939	0.758	0.634	0.526	0.462	0.425			
2.5"	2.875	Min wall, in	0.411	0.319	0.261	0.213	0.185	0.169	21*		
		Avg ID <sup>C</sup> , in	2.004	2.198	2.321	2.424	2.482	2.516			
		Weight, lb/ft	1.377	1.109	0.928	0.771	0.677	0.622			
3"	3.500	Min wall, in	0.500	0.389	0.318	0.259	0.226	0.206	0.167		
		Avg ID <sup>C</sup> , in	2.440	2.676	2.825	2.950	3.021	3.064	3.147		
		Weight, lb/ft	1.377	1.646	1.376	1.141	1.006	0.923	0.757		
4"	4.500	Min wall, in	0.643	0.500	0.409	0.333	0.290	0.265	0.214		
		Avg ID <sup>C</sup> , in	3.137	3.440	3.633	3.793	3.885	3.939	4.046		
		Weight, lb/ft	3.372	2.720	2.275	1.887	1.660	1.526	1.247		
5"	5.563	Min wall, in	0.795	0.618	0.506	0.412	0.359	0.327	0.265		
		Avg ID <sup>C</sup> , in	3.878	4.253	4.491	4.689	4.802	4.869	5.001		
		Weight, lb/ft	5.154	4.156	3.479	2.886	2.540	2.328	1.909		
6"	6.625	Min wall, in	0.946	0.736	0.602	0.491	0.427	0.390	0.315		
		Avg ID <sup>C</sup> , in	4.619	5.064	5.348	5.585	5.719	5.799	5.956		
		Weight, lb/ft	7.305	5.894	4.930	4.095	3.599	3.307	2.703		
8" *	8.625	Min wall, in	1.232	0.958	0.784	0.639	0.556	0.507	0.411		
		Avg ID <sup>C</sup> , in	6.013	6.593	6.963	7.271	7.445	7.549	7.754		
		Weight, lb/ft	12.385	9.988	8.359	6.939	6.100	5.597	4.591		
10" *	10.750	Min wall, in	1.536	1.194	0.977	0.796	0.694	0.632	0.512		
		Avg ID <sup>C</sup> , in	7.494	8.218	8.678	9.062	9.280	9.409	9.665		
		Weight, lb/ft	19.245	15.515	12.983	10.774	9.490	8.695	7.128		
12" *	12.750	Min wall, in	1.821	1.417	1.159	0.944	0.823	0.750	0.607		
		Avg ID <sup>C</sup> , in	8.889	9.747	10.293	10.748	11.006	11.160	11.463		
		Weight, lb/ft	27.062	21.837	18.267	15.155	13.348	12.238	10.023		

\* Products greater than 6" in diameter, Schedule 40 products greater than 3" in diameter, and all SDR 15.5 and SDR 17 products are available in stick lengths only. WL offers these products in stick lengths to ensure product quality and limit pipe ovality.

# Smoothwall Conduit Sizes



## SCHEDULE PRODUCT DIMENSIONS

Pipe Size <sup>A/D</sup>	Avg OD, in	Schedule <sup>B</sup>	40	80
.75'	1.05	Min wall, in Avg ID <sup>C</sup> , in Weight, lb/ft	0.113 0.81 0.144	
1"	1.315	Min wall, in Avg ID <sup>C</sup> , in Weight, lb/ft	0.133 1.033 0.214	0.179 0.936 0.277
1.25"	1.66	Min wall, in Avg ID <sup>C</sup> , in Weight, lb/ft	0.14 1.363 0.289	0.191 1.255 0.382
1.5"	1.9	Min wall, in Avg ID <sup>C</sup> , in Weight, lb/ft	0.145 1.593 0.346	0.200 1.476 0.462
2"	2.375	Min wall, in Avg ID <sup>C</sup> , in Weight, lb/ft	0.154 2.049 0.465	0.218 1.913 0.639
3"	3.5	Min wall, in Avg ID <sup>C</sup> , in Weight, lb/ft	0.216 3.042 0.965	0.300 2.864 1.305
4"	4.5	Min wall, in Avg ID <sup>C</sup> , in Weight, lb/ft	0.237 3.998 1.374	0.337 3.786 1.908
6"	6.625	Min wall, in Avg ID <sup>C</sup> , in Weight, lb/ft		0.432 5.709 3.638

## SIDR PRODUCT DIMENSIONS

Pipe Size <sup>A/D</sup>	Min. Inside Diameter (inches)	SIDR <sup>B</sup>	11.5
1"	1.049	Min wall, in Wall Tolerance, in Avg OD, in Weight, lb/ft	0.091 0.020 1.246 0.143
1.25"	1.380	Min wall, in Wall Tolerance, in Avg OD, in Weight, lb/ft	0.120 0.020 1.635 0.247
2"	2.067	Min wall, in Wall Tolerance, in Avg OD, in Weight, lb/ft	0.180 0.022 2.447 0.555
4"	4.026	Min wall, in Wall Tolerance, in Avg OD, in Weight, lb/ft	0.350 0.042 4.768 2.103
6"	6.056	Min wall, in Wall Tolerance, in Avg OD, in Weight, lb/ft	0.527 0.063 7.183 4.770

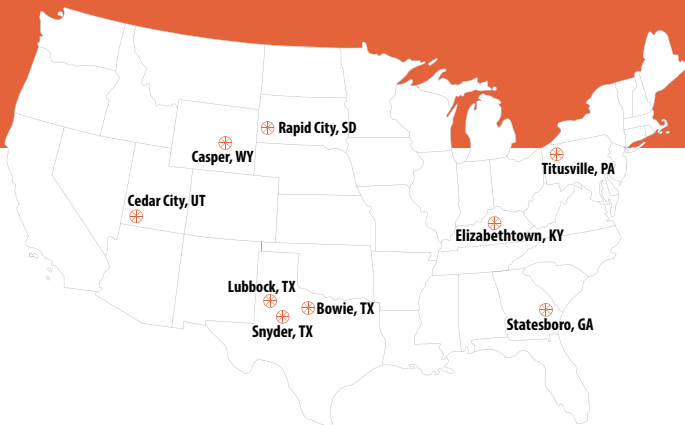
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CUSTOMER SERVICE TO CONFIRM AVAILABILITY  
AND FOR SIZES AND DR'S NOT SHOWN.**

- A.** Conduit pipe sizes/diameters per ASTM F2160
- B.** SDR (Standard Dimension Ratio) Schedules SIDR (Standard Inside Dimension Ratio) per ASTM F2160.
- C.** Calculated Avg ID = Avg OD - (2.12 x min wall). Pipe ID is approximate, and not a specification dimension. All dimensions in inches
- D.** The information in this publication does not constitute a guarantee or warranty for piping installations and cannot be guaranteed because the conditions of use are beyond WL Plastics control. See WL125 Terms and Conditions of Sale. The user of this information assumes all risk associated with its use. Changes to this publication may occur from time to time without notice. Contact WL Plastics to determine if you have the most current edition





The Ideal Piping Solution



### Manufacturing Locations

- Bowie, TX
- Casper, WY
- Cedar City, UT
- Elizabethtown, KY
- Lubbock, TX
- Rapid City, SD
- Snyder, TX
- Statesboro, GA
- Titusville, PA

