

**18A-Floplast Universal Fitting Sizing**



P.O. Box 529  
 Muenster, TX 76252  
 Phone: 877-356-7527  
 www.floplastfits.com

**Universal Fittings Sizing Chart**

Universal Item Number	715015	715021	715027	715035	Special Note
Universal Sizes	3/8" - 1/2"	1/2" - 3/4"	3/4" - 1"	1 1/4" - 1 1/2"	
Universal Size range	.591- .827	.827- 1.063	1.063- 1.378	1.654- 1.969	
<b>IPS and CTS Retrofit sizes</b>	<b>Fits all 3/4" CTS fittings</b>	<b>Fits all 1" IPS Fittings</b>		<b>Fits all 1 1/2" IPS Fittings</b>	These retrofits make it possible to convert any of the listed sizes to a Universal Transition or all Universal fitting with the use of the appropriate kit
Standard Pipe Size O.D. <b>IPS (Iron Pipe Size HDPE, PVC, Galvanized)</b>	3/8"(.675) - 1/2"(.840)	1/2"(.840) - 3/4"(1.050)	3/4"(1.050) - 1"(1.315)	1-1/4"(1.660) - 1-1/2"(1.900)	<b>Both</b> sizes of IPS Pipe work in fitting
Standard Pipe Size O.D. <b>CTS (Copper Tube Size HDPE, Copper Pipe)</b>		3/4"(.875)	1"(1.125) - 1 1/4"(1.375)	1-1/2"(1.625)	Only <b>CTS</b> Pipe size listed work in fitting
Standard Pipe Size O.D. <b>SIDR 7 (200 PSI)</b>	1/2"(.800)		3/4"(1.060)	1-1/4"(1.774)	Only SIDR Pipe size listed work in fitting
Standard Pipe Size O.D. <b>SIDR 9 (160 PSI)</b>	1/2"(.760)	3/4"(1.008)	1"(1.283)	1-1/4"(1.686)	Only SIDR Pipe size listed work in fitting
Standard Pipe Size O.D. <b>SIDR 11.5 (125 PSI)</b>	1/2"(.761)-caution- wall thickness may be too thin	3/4"(.991)	1"(1.256)		Only SIDR Pipe size listed work in fitting
Standard Pipe Size O.D. <b>SIDR 15 (100 PSI)</b>	1/2"(.761)-caution- wall thickness may be too thin	3/4"(.963)-caution- wall thickness may be too thin	1"(1.209)	1-1/2"(1.843)	Only SIDR Pipe size listed work in fitting

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WALL THICKNESS GUIDE (MIN THICKNESS MUST BE .078)				
	avg O.D.	Avg I.D.	Wall Thickness	Surpass Min Requirement

## 1/2"

DR 7(265 PSI)	0.840	0.586	0.127	yes
DR 9 (200 PSI)	0.840	0.643	0.099	yes
DR 11 (160 PSI)	0.840	0.679	0.081	yes
SIDR 7 (200 PSI)	0.828	0.622	0.103	yes
SIDR 9 (160 PSI)	0.782	0.622	0.080	yes
<del>SIDR 11.5 (125 PSI)</del>	<del>0.761</del>	<del>0.622</del>	<del>0.070</del>	<del>no</del>
<del>SIDR 15 (100 PSI)</del>	<del>0.761</del>	<del>0.622</del>	<del>0.070</del>	<del>no</del>

## 3/4"

DR 7(265 PSI)	1.050	0.732	0.159	yes
DR 9 (200 PSI)	1.050	0.802	0.124	yes
DR 11 (160 PSI)	1.050	0.095	0.478	yes
DR 13.5 (128 PSI)	1.050	0.885	0.083	yes
SIDR 7 (200 PSI)	1.098	0.824	0.137	yes
SIDR 9 (160 PSI)	1.037	0.824	0.107	yes
SIDR 11.5 (125 PSI)	0.991	0.824	0.084	yes
<del>SIDR 15 (100 PSI)</del>	<del>0.963</del>	<del>0.824</del>	<del>0.070</del>	<del>no</del>

## 1"

DR 7(265PSI)	1.315	0.916	0.200	yes
DR 9 (200 PSI)	1.315	1.005	0.155	yes
DR 11 (160 PSI)	1.315	1.061	0.127	yes
DR 13.5 (128 PSI)	1.315	1.109	0.103	yes
SIDR 7 (200 PSI)	1.391	1.049	0.171	yes
SIDR 9 (160 PSI)	1.316	1.049	0.134	yes
SIDR 11.5 (125 PSI)	1.256	1.049	0.104	yes
SIDR 15 (100 PSI)	1.209	1.049	0.080	yes

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	avg O.D.	Avg I.D.	Wall Thickness	Surpass Min Requirement

## 1 1/4"

DR 7(265PSI)	1.660	1.158	0.251	yes
DR 9 (200 PSI)	1.660	1.270	0.195	yes
DR 11 (160 PSI)	1.660	1.340	0.160	yes
DR 13.5 (128 PSI)	1.660	1.399	0.131	yes
SIDR 7 (200 PSI)	1.813	1.380	0.217	yes
SIDR 9 (160 PSI)	1.732	1.380	0.176	yes
SIDR 11.5 (125 PSI)	1.644	1.380	0.132	yes
SIDR 15 (100 PSI)	1.582	1.380	0.101	yes

## 1 1/2"

DR 7(265PSI)	1.900	1.325	0.288	yes
DR 9 (200 PSI)	1.900	1.453	0.224	yes
DR 11 (160 PSI)	1.900	1.533	0.184	yes
DR 13.5 (128 PSI)	1.900	1.601	0.150	yes
SIDR 7 (200 PSI)	2.111	1.610	0.251	yes
SIDR 9 (160 PSI)	2.000	1.610	0.195	yes
SIDR 11.5 (125 PSI)	1.915	1.610	0.153	yes
SIDR 15 (100 PSI)	1.843	1.610	0.117	yes