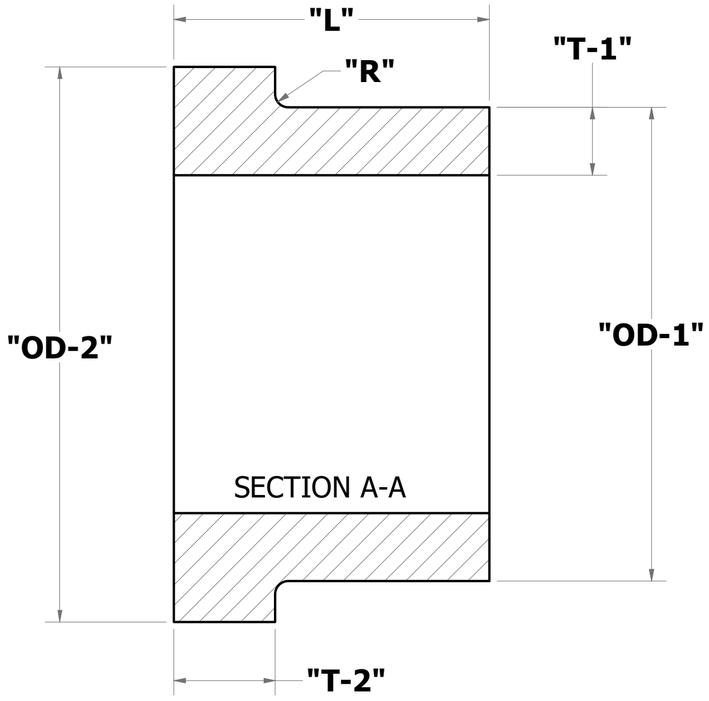
	Minimum Wall Thickness and Maximum Hub Height (2"-63")																	
	SDR's																	
	7		9*		11*		13.5		15.5		17		21		26		32.5	
SIZE	T-1	T-2	T-1	T-2	T-1	T-2	T-1	T-2	T-1	T-2	T-1	T-2	T-1	T-2	T-1	T-2	T-1	T-2
2"	0.339	0.504	0.264	0.504	0.216	0.450	0.176	0.450	0.153	0.450	0.140	0.450						
3"	0.500	0.700	0.389	0.700	0.318	0.670	0.259	0.670	0.226	0.670	0.206	0.670						
4"	0.643	1.120	0.500	1.120	0.409	0.896	0.333	0.896	0.290	0.896	0.265	0.896						
6"	0.946	1.344	0.736	1.344	0.602	0.895	0.491	0.895	0.427	0.895	0.390	0.895	0.315	0.895	0.255	0.895		
8"	1.232	1.820	0.958	1.820	0.784	1.120	0.639	1.120	0.556	1.120	0.507	1.120	0.411	1.120	0.332	1.120	0.265	1.120
10"	1.536	2.240	1.194	2.240	0.977	1.455	0.796	1.455	0.694	1.455	0.632	1.455	0.512	1.455	0.413	1.455	0.331	1.455
12"	1.821	2.549	1.417	2.549	1.159	1.725	0.944	1.725	0.823	1.725	0.750	1.725	0.607	1.725	0.490	1.725	0.392	1.725
14"	2.000	2.848	1.556	2.848	1.273	1.905	1.037	1.905	0.903	1.905	0.824	1.820	0.667	1.820	0.538	1.820	0.431	1.820
16"	2.285	3.250	1.778	3.250	1.455	2.130	1.185	2.130	1.032	2.130	0.941	2.100	0.762	2.100	0.615	2.100	0.492	2.100
18"	2.571	4.108	2.000	4.108	1.636	2.350	1.333	2.350	1.161	2.350	1.059	2.240	0.857	2.240	0.692	2.240	0.554	2.240
20"	2.857	3.880	2.222	3.880	1.818	2.550	1.481	2.550	1.290	2.550	1.176	2.520	0.952	2.520	0.769	2.520	0.615	2.520
22"	3.143	4.188	2.444	4.188	2.000	2.750	1.630	2.750	1.419	2.750	1.294	2.750	1.048	2.750	0.846	2.750	0.677	2.750
24"	3.429	4.610	2.667	4.610	2.182	3.150	1.778	3.150	1.548	3.150	1.412	3.150	1.143	3.150	0.923	3.150	0.738	3.150
26"	3.714	4.893	2.889	4.893	2.364	3.205	1.926	3.205	1.677	3.205	1.529	3.205	1.238	3.205	1.000	3.205	0.800	3.205
28"	4.000	5.250	3.111	5.250	2.545	3.432	2.074	3.432	1.806	3.432	1.647	3.432	1.333	3.432	1.077	3.432	0.862	3.432
30"	4.286	5.607	3.333	5.607	2.727	3.659	2.222	3.659	1.935	3.659	1.765	3.659	1.429	3.659	1.154	3.659	0.923	3.659
32"			3.556	5.964	2.909	3.886	2.390	3.886	2.065	3.886	1.882	3.886	1.524	3.886	1.231	3.886	0.985	3.886
34"			3.778	6.321	3.091	4.114	2.519	4.114	2.194	4.114	2.000	4.114	1.619	4.114	1.308	4.114	1.046	4.114
36"			4.000	6.679	3.273	4.341	2.667	4.341	2.323	4.341	2.118	4.341	1.714	4.341	1.385	4.341	1.108	4.341
42"					3.818	5.023	3.111	5.023	2.710	5.023	2.471	5.023	2.000	3.013	1.615	3.013	1.292	3.013
48"					4.364	5.705	3.556	5.705	3.097	5.705	2.824	5.705	2.286	3.408	1.846	3.408	1.477	3.408
54"											3.176	6.386	2.571	3.803	2.077	3.803	1.662	3.803
63"													3.000	4.395	2.423	4.395	1.938	4.395

Ongoing engineering design efforts may affect the technical information listed in our publications.

REVISION HISTORY		
REV	DESCRIPTION	DATE
1	VALID-ORIGINAL DWG	5/02/2017
2	ADDED MAX T-2 DIM	5/10/2018
3	ADDED REQUIREMENT NOTES	8/12/2020
4	REVISED HUB DIMENSIONS	1/18/2023
5	REMOVED SDR19 FROM TABLE	9/18/2023
6	INCLUDED REQUIRED NOTE	11/18/2024
7	ADDED NOTE; BABA & FM STAMP	08/22/2025
8	REVISED NOTES	10/21/2025

Flange Adapter Dimensions					
Size	Type	OD-1	OD-2	L	R
2"	IPS	2.38	4.00	6.00	0.25
3"	IPS	3.500	5.000	6.000	0.250
4"	IPS	4.50	6.60	6.80	0.38
6"	IPS	6.625	8.500	8.000	0.380
8"	IPS	8.63	10.60	9.00	0.38
10"	IPS	10.750	12.799	10.750	0.380
12"	IPS	12.75	15.25	11.00	0.38
14"	IPS	14.000	17.500	11.000	0.500
16"	IPS	16.00	20.00	12.00	0.50
18"	IPS	18.000	21.098	12.000	0.500
20"	IPS	20.00	23.50	12.00*	0.50
22"	IPS	22.000	25.600	12.00*	0.500
24"	IPS	24.00	27.90	14.00	0.50
26"	IPS	26.000	29.750	14.000	0.500
28"	IPS	28.00	32.00	14.00	0.50
30"	IPS	30.000	34.000	14.000	0.500
32"	IPS	32.00	36.13	14.00	0.50
34"	IPS	34.000	38.125	14.00*	0.500
36"	IPS	36.00	40.50	14.00*	0.50
42"	IPS	42.000	47.125	21.000	0.500
48"	IPS	48.00	53.50	21.00	0.50
54"	IPS	54.000	59.625	21.000	0.500
63"	IPS	63.00	66.79	21.00	0.50

20"-22" SDR7 & SDR9 OAL= 12.75"
34"-36" SDR7 & SDR9 OAL= 16.50"





FM APPROVED

* 2" - 24": SDR9 = FM250psi, SDR11 = FM200psi

NSF Certified to NSF/ANSI/CAN 61-G

BUILD AMERICA BUY AMERICA™

MADE IN THE USA

Fittings are marked to the standards and certifications of which they were produced.
Material:HDPE-PE4710/PE100 CELL CLASS:PE445574C (ASTMD3350) (CC3)
Meets Requirements:
AWWA C901/C906; ASTM D3261; ASTM F2880; [ASTM D2513 (2"-24")]

UNLESS OTHERWISE NOTED:
AND ALL DIMENSIONS IN INCHES

IMPROVED PIPING PRODUCTS, INC.

TITLE
IPS Flange Adapter Submittal

SIZE C | MAT'L: HDPE - PE4710/PE100 | SHEET 1 OF 1