



DATA SHEET

KUSTOMFLO CLOSED PROFILE PIPE

PRODUCT DESCRIPTION: Structural profile-wall HDPE pipe with smooth interior and exterior walls.

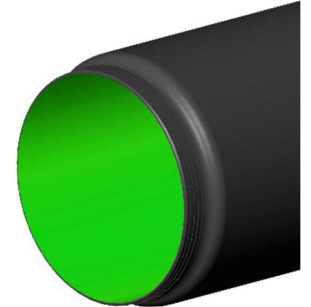
APPLICATIONS: Conveyance, detention, culverts, culvert rehabilitation, stormwater, sanitary and combined sewer, tanks, storage, manholes, and other custom structures and fittings.

MANUFACTURING STANDARDS: ASTM F894. Made in USA, BABA compliant.

RAW MATERIAL: High-density polyethylene (HDPE) ASTM D3350 meeting the requirements of cell classification PE 334433C (or E)

TECHNICAL DATA: Length: 20 ft/6.1 m (custom lengths available)
Integrated Socket and Spigot
Manning's n 0.009
Ring Stiffness Constant Classification: **RSC400**

WATERTIGHT JOINING SYSTEMS: Double gasket
Electrofusion joint
Extrusion weld



TECHNICAL DATA TABLE⁽¹⁾

KUSTOMFLO STANDARD SIZES - CLOSED PROFILE – CPR400

Nom ID	Nom ID	Actual ID	Actual ID	Actual OD	Actual OD	Flow ²	Flow ²	Storage	Storage
<i>Inch</i>	<i>MM</i>	<i>Inch</i>	<i>MM</i>	<i>Inch</i>	<i>MM</i>	<i>M³/s</i>	<i>Ft³/s</i>	<i>ft³/ft</i>	<i>m³/m</i>
24	600	24.0	610	28.2	716	0.93	32.7	3.1	0.3
36	900	36.0	914	41.0	1042	2.73	96.3	7.1	0.7
42	1100	42.0	1067	47.8	1215	4.12	145.3	9.6	0.9
48	1200	48.0	1219	55.8	1417	5.87	207.4	12.6	1.2
54	1400	54.0	1372	61.8	1570	8.05	284.0	15.9	1.5
60	1500	59.1	1500	66.9	1698	10.21	361.3	19.1	1.8
66	1700	66.0	1676	74.0	1878	13.73	485.1	23.8	2.2
72	1800	70.9	1800	80.6	2048	16.60	587.0	27.4	2.5
84	2100	82.7	2100	92.4	2348	25.05	885.3	37.3	3.5
96	2400	96.0	2438	106.9	2716	37.29	1,317.4	50.3	4.7
108	2700	108.0	2743	119.5	3035	51.06	1,803.6	63.6	5.9
120	3000	120.0	3048	131.5	3340	67.64	2,388.7	78.5	7.3
136	3400	136.0	3454	148.1	3762	94.41	3,332.5	100.9	9.4

Note 1: The profile of the KustomFlo pipe can be designed according to the constraints specific to the project. This datasheet defines data for closed profile KustomFlo pipe which meets minimum ASTM F894 standards for a ring stiffness classification of RSC400. Please contact your Soleno representative for specific needs.

Note 2: Flow calculated at a full pipe flow with a 1.0% slope.

INSTALLATION: Visit our website at www.solenousa.com for the installation guide.

NOTES: For burial depth information and any other inquiries, please contact info@solenousa.com.

Technical data is for informational purposes only and may vary without notice.