



DATA SHEET

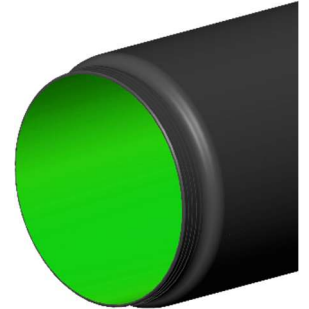
KUSTOMFLO CLOSED PROFILE PIPE

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: **RSC250**

WATERTIGHT JOINING SYSTEMS: Double gasket
Electrofusion joint
Extrusion weld

TECHNICAL DATA TABLE⁽¹⁾

KUSTOMFLO STANDARD SIZES - CLOSED PROFILE – CPR250									
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	40.2	1021	2.73	96.3	7.1	0.7
42	1100	42.0	1067	47.0	1193	4.12	145.3	9.6	0.9
48	1200	48.0	1219	53.0	1345	5.87	207.4	12.6	1.2
54	1400	54.0	1372	59.8	1520	8.05	284.0	15.9	1.5
60	1500	59.1	1500	65.0	1650	10.21	361.3	19.1	1.8
66	1700	66.0	1676	73.8	1874	13.73	485.1	23.8	2.2
72	1800	70.9	1800	78.7	1998	16.60	587.0	27.4	2.5
84	2100	82.7	2100	90.6	2302	25.05	885.3	37.3	3.5
96	2400	96.0	2438	105.8	2686	37.29	1,317.4	50.3	4.7
108	2700	108.0	2743	117.8	2991	51.06	1,803.6	63.6	5.9
120	3000	120.0	3048	130.9	3326	67.64	2,388.7	78.5	7.3
136	3400	136.0	3454	146.9	3732	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 RSC250. 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.