



DATA SHEET

KUSTOMFLO OPEN PROFILE PIPE

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

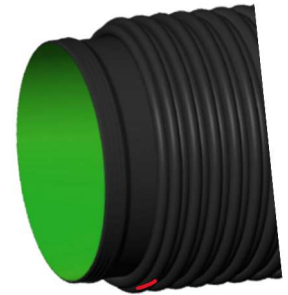
APPLICATIONS: Conveyance, detention, culverts, culvert rehabilitation, stormwater, sanitary and combined sewer, tanks, storage, manholes, and other custom structures and fittings.

MANUFACTURING STANDARDS: 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

WATERTIGHT JOINING SYSTEMS: Double gasket
Electrofusion joint
Extrusion weld



TECHNICAL DATA TABLE⁽¹⁾

KUSTOMFLO STANDARD SIZES – OPEN PROFILE - PR160									
Nom ID <i>Inch</i>	Nom ID <i>MM</i>	Actual ID <i>Inch</i>	Actual ID <i>MM</i>	Actual OD <i>Inch</i>	Actual OD <i>MM</i>	Flow ² <i>M³/s</i>	Flow ² <i>Ft³/s</i>	Storage <i>ft³/ft</i>	Storage <i>m³/m</i>
24	600	24.0	610	27.8	706	0.93	32.7	3.1	0.3
36	900	36.0	914	39.8	1010	2.73	96.3	7.1	0.7
42	1100	42.0	1067	45.9	1167	4.12	145.3	9.6	0.9
48	1200	48.0	1219	52.7	1339	5.87	207.4	12.6	1.2
54	1400	54.0	1372	59.6	1514	8.05	284.0	15.9	1.5
60	1500	59.1	1500	64.6	1642	10.21	361.3	19.1	1.8
66	1700	66.0	1676	72.4	1838	13.73	485.1	23.8	2.2
72	1800	70.9	1800	77.2	1962	16.60	587.0	27.4	2.5
84	2100	82.7	2100	90.3	2295	25.05	885.3	37.3	3.5
96	2400	96.0	2438	103.7	2633	37.29	1,317.4	50.3	4.7
108	2700	108.0	2743	117.2	2976	51.06	1,803.6	63.6	5.9
120	3000	120.0	3048	129.2	3281	67.64	2,388.7	78.5	7.3
136	3400	136.0	3454	145.3	3692	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 open profile KustomFlo pipe with a ring stiffness classification of RSC160. 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.