



FLOTEK FLOWGUARD  
CPVC PIPES



**DIMENSIONS & WEIGHT OF CPVC HOT & COLD PIPES AS PER ISO 15877-2**

MEAN OUTSIDE DIAMETER in MM		Length in Meter	PIPE SERIES S 6.3 SDR 13.6 PRESSURE CLASS 16			PIPE SERIES S 5 SDR 11 PRESSURE CLASS 20			PIPE SERIES S 4 SDR 9 PRESSURE CLASS 25		
			WALL THICKNESS in mm		WEIGHT in Kg PER PIPE	WALL THICKNESS in mm		WEIGHT in Kg PER PIPE	WALL THICKNESS in mm		WEIGHT in Kg PER PIPE
MIN.	MAX.	MIN.	MAX.	MIN.		MAX.	MIN.		MAX.	MIN.	
16	16.2	4	1.4	1.8	0.410	1.5	1.9	0.436	1.8	2.2	0.513
20	20.2	4	1.5	1.9	0.557	1.9	2.3	0.690	2.3	2.8	0.817
25	25.2	4	1.9	2.3	0.880	2.3	2.8	1.047	2.8	3.3	1.247
32	32.2	4	2.4	2.9	1.425	2.9	3.4	1.693	3.6	4.2	2.051
40	40.2	4	3	3.6	2.226	3.7	4.3	2.694	4.5	5.2	3.204
50	50.2	4	3.7	4.3	3.436	4.6	5.3	4.189	5.6	6.4	4.987
63	63.3	4	4.7	5.4	5.496	5.8	6.6	6.655	7.1	8.1	7.961



DIMENSIONS & WEIGHT OF CPVC HOT & COLD PIPES AS PER ASTM D 2846

PIPE SIZE	NOMINAL TUBE [DN] IN MM	OUTSIDE DIAMETER IN MM		LENGTH PER PIPE IN METERS	SDR 11 WALL THICKNESS IN MM		PER PIPE WEIGHT IN KG
		MIN.	MAX.		MIN.	MAX.	
1/2"	15	15.82	15.98	3	1.52	2.03	0.327
3/4"	20	22.12	22.28	3	2.03	2.54	0.614
1"	25	28.68	28.68	3	2.59	3.1	1.017





DIMENSIONS & WEIGHT OF CPVC HOT & COLD PIPES AS PER IS 15778

PIPE SIZE	NOMINAL OUTSIDE DIAMETER IN MM	MEAN OUTSIDE DIAMETER IN MM		OUTSIDE DIAMETER AT ANY POINT IN MM		LENGTH PER PIPE IN METERS	SDR 13.5 WALL THICKNESS IN MM		PER PIPE WEIGHT IN KG	SDR 11 WALL THICKNESS IN MM		PER PIPE WEIGHT IN KG
		MIN.	MAX.	MIN.	MAX.		MIN.	MAX.		MIN.	MAX.	
1/2"	15.90	15.80	16.00	15.80	16.00	3.01	1.40	1.90	0.306	1.70	2.20	0.364
3/4"	22.20	22.10	22.30	22.10	22.40	3.01	1.70	2.20	0.526	2.00	2.50	0.610
1"	28.60	28.50	28.70	28.40	28.80	3.01	2.10	2.60	0.840	2.60	3.10	1.020
1 1/4"	34.90	34.80	35.00	34.70	35.10	3.01	2.60	3.10	1.268	3.20	3.70	1.531
1 1/2"	41.30	41.20	41.40	41.10	41.50	3.01	3.10	3.60	1.787	3.80	4.30	2.151
2"	54.00	53.90	54.10	53.70	54.30	3.01	4.00	4.60	3.019	4.90	5.50	3.631

# BOTSWANA BUREAU OF STANDARDS

## LICENCE TO USE THE STANDARDS MARK

*In accordance with the Standards Act 16, 1995 and the rights and obligations stipulated in the BOBS Standards Mark Certification Scheme.*

**RADICAL INVESTMENTS (PTY) LTD T/A**

**FLOTEK PIPES & IRRIGATION**

Plot 2131, Woodhall Industrial, Lobatse, Botswana

*Is hereby authorized to apply the Standards Mark*



**Licence Number**

**SM/19-01**

*In respect of compliance of the following products*

**Chlorinated Poly (vinyl chloride) Pipes (PVC-C)**

*with the requirements of*

**BOS ISO 15877-2: 2009**

**Plastics piping systems for hot and cold water installations – Chlorinated poly (vinyl chloride) (PVC-C)**

**Issue Date** : 2019-03-08

**Expiry Date** : 2022-03-07

**First Certification Date** : 2019-03-08

Signed

Managing Director

To establish the current status of the licence please contact: Botswana Bureau of Standards (BOBS), Plot 55745, Main Airport Road, Block 8, Private Bag 80 48, Gaborone, Botswana. Tel: (+267) 390 3200. Fax: (+267) 390 3120. Email: [info@bo.bobstandards.bw](mailto:info@bo.bobstandards.bw). Website: [www.bobstandards.bw](http://www.bobstandards.bw)