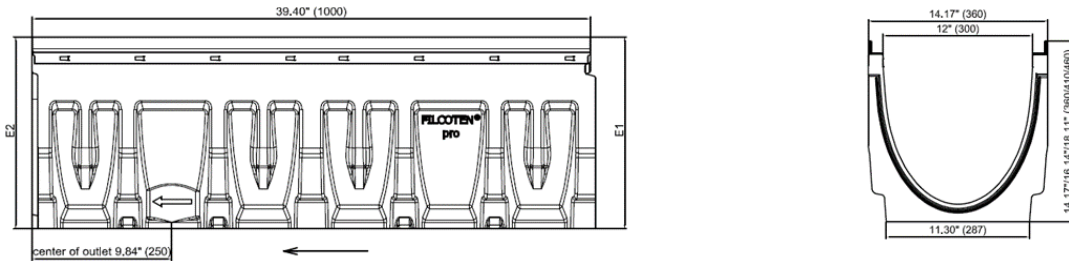




TECHNICAL SPECIFICATION

FILCOTEN 12" (300MM) GALVANIZED RAIL CHANNEL

LOAD CLASS A 15kN – CLASS E 600kN (DIN 19580)



Part Number	Channel Sequence	Slope	Overall body inches		Invert Inches		Maximum flow rate			Weight (less grate)	
			Min Depth	Max Depth	Min	Max	GPM	LPS	CFS	Lbs	Kg
<input type="checkbox"/> 10630200	0	NEUTRAL (0 %)	14.17	14.17	12.79	12.79	870	55	1.9	166.7	75.6
<input type="checkbox"/> 10630201	1	0.5 %	14.17	14.37	12.79	12.99				168.2	76.3
<input type="checkbox"/> 10630202	2	0.5 %	14.37	14.57	12.99	13.19				171.1	77.6
<input type="checkbox"/> 10630203	3	0.5 %	14.57	14.76	13.19	13.38				173.9	78.9
<input type="checkbox"/> 10630204	4	0.5 %	14.76	14.96	13.38	13.58				176.8	80.2
<input type="checkbox"/> 10630205	5	0.5 %	14.96	15.15	13.58	13.78				179.7	81.5
<input type="checkbox"/> 10630261	5-0	NEUTRAL (0 %)	15.15	15.15	13.78	13.78	984	62	2.19	181.0	82.1
<input type="checkbox"/> 10630206	6	0.5 %	15.15	15.35	13.78	13.98				182.5	82.8
<input type="checkbox"/> 10630207	7	0.5 %	15.35	15.55	13.98	14.17				185.4	84.1
<input type="checkbox"/> 10630208	8	0.5 %	15.55	15.75	14.17	14.37				188.3	85.4
<input type="checkbox"/> 10630209	9	0.5 %	15.75	15.94	14.37	14.57				191.1	86.7
<input type="checkbox"/> 10630210	10	0.5 %	15.94	16.14	14.57	14.76				194.0	88
<input type="checkbox"/> 10630262	10-0	NEUTRAL (0 %)	16.14	16.14	14.76	14.76	1103	70	2.5	195.3	88.6
<input type="checkbox"/> 10630211	11	0.5 %	16.14	16.34	14.76	14.96				196.7	89.2
<input type="checkbox"/> 10630212	12	0.5 %	16.34	16.54	14.96	15.16				201.3	91.3
<input type="checkbox"/> 10630213	13	0.5 %	16.54	16.73	15.16	15.35				206.1	93.5
<input type="checkbox"/> 10630214	14	0.5 %	16.73	16.93	15.35	15.55				210.8	95.6
<input type="checkbox"/> 10630215	15	0.5 %	16.93	17.13	15.55	15.75				215.4	97.7
<input type="checkbox"/> 10630216	16	0.5 %	17.13	17.32	15.75	15.94				220.2	99.9
<input type="checkbox"/> 10630217	17	0.5 %	17.32	17.52	15.94	16.14				224.9	102
<input type="checkbox"/> 10630218	18	0.5 %	17.52	17.72	16.14	16.34				229.5	104.1
<input type="checkbox"/> 10630219	19	0.5 %	17.72	17.91	16.34	16.54				234.1	106.2
<input type="checkbox"/> 10630220	20	0.5 %	17.91	18.11	16.54	16.73				240.0	108.4
<input type="checkbox"/> 10630264	20-0	NEUTRAL (0 %)	18.11	18.11	16.73	16.73	1349	85	3	240.3	109

FILCOTEN NW300, 14.17" (360MM) WIDE, 39.40"(1000MM) LONG, 20 PRE-SLOPED (0.5%) AND 4 NEUTRAL CHANNEL DEPTHS. MANUFACTURED HIGH PERFORMANCE CONCRETE (HPC), FIBRE-REINFORCED, UV RESISTANT, INTERLOCKING ENDS WITH SEALANT GROOVES, RADIUSSED BOTTOM FOR EFFICIENT DRAINAGE, MULTIPLE RIBS TO SECURELY HOLD THE BODY INTO THE CONCRETE FOUNDATION. CHANNELS UTILIZE AN INTEGRAL 0.08" (2MM) HEAVY DUTY GALVANIZED STEEL RAIL FOR ADDED STRENGTH, GRATES SECURE TO THE RAILS WITH FOUR POINT SELF-LOCKING SYSTEM.

FILCOTEN HPC CONCRETE IS ENGINEERED TO SUFFICIENTLY ABSORB WATER EXTERNALLY TO PROMOTE MONOLITHIC ADHESION TO THE SURROUNDING CONCRETE. FILCOTEN HPC IS A GREEN PRODUCT, MANUFACTURED FREE OF MOLD RELEASING AGENTS FOUND IN POLYMER CONCRETE SYSTEMS. FILCOTEN IS INERT, NON-FLAMMABLE AND ENVIRONMENTALLY FRIENDLY, FREE OF RESINS, HEAVY METALS, VOC'S AND CHEMICALS.

OUTLETS CAN BE CONFIGURED AS BOTTOM, END OUTLET OR USE CATCH BASIN. SEE ACCESSORIES PAGE.
MANUFACTURED TO EN1433 STANDARDS

FILCOTEN[®]
a brand of BG

FILCOTEN CONCRETE CHANNEL DRAIN

NW300 12" HPC CONCRETE GALVANIZED STEEL RAIL DIN CLASS A-E 600kN

FOR PRODUCT ASSISTANCE, CONTACT NDS TECHNICAL SERVICE AT techservice@ndspro.com

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