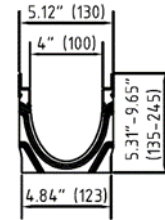
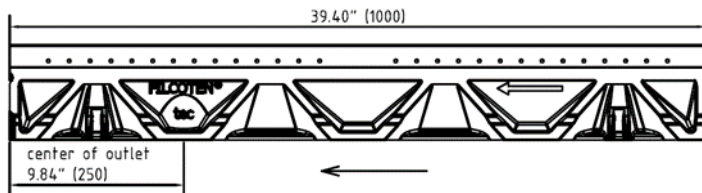




## TECHNICAL SPECIFICATION

### NDS-FILCOTEN 4 (100mm) STAINLESS STEEL RAIL CHANNEL LOAD CLASS A 15kN-CLASS E 600kN (DIN 19580)



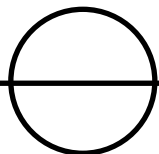
	Part Number	Series	Depth	Slope	Overall body inches		Invert Inches		Maximum flow rate			Weight (less grate)	
					Min Depth	Max Depth	Min	Max	GPM	LPS	CFS	Lbs	Kg
<input type="checkbox"/>	10410300	100/0	0	0 %	5.31	5.31	4.72	4.72	48	3	0.1	28.7	13.0
<input type="checkbox"/>	10410301	100/1	1	0.5 %	5.31	5.51	4.72	4.92				29.5	13.4
<input type="checkbox"/>	10410302	100/2	2	0.5 %	5.51	5.71	4.92	5.12				31.1	14.1
<input type="checkbox"/>	10410303	100/3	3	0.5 %	5.71	5.91	5.12	5.31				32.6	14.8
<input type="checkbox"/>	10410304	100/4	4	0.5 %	5.91	6.1	5.31	5.51				34.0	15.4
<input type="checkbox"/>	10410305	100/5	5	0.5 %	6.1	6.3	5.51	5.71				35.1	15.9
<input type="checkbox"/>	10410361	100/5-0	5-0	0 %	6.3	6.3	5.71	5.71	70	4	0.2	35.5	16.1
<input type="checkbox"/>	10410306	100/6	6	0.5 %	6.3	6.5	5.71	5.91				36.2	16.4
<input type="checkbox"/>	10410307	100/7	7	0.5 %	6.5	6.69	5.91	6.1				37.0	16.8
<input type="checkbox"/>	10410308	100/8	8	0.5 %	6.69	6.89	6.10	6.3				38.4	17.4
<input type="checkbox"/>	10410309	100/9	9	0.5 %	6.89	7.09	6.30	6.5				39.7	18.0
<input type="checkbox"/>	10410310	100/10	10	0.5 %	7.09	7.28	6.50	6.69				40.8	18.5
<input type="checkbox"/>	10410362	100/10-0	10-0	0 %	7.28	7.28	6.69	6.69	95	6	0.2	41.2	18.7
<input type="checkbox"/>	10410311	100/11	11	0.5 %	7.68	7.87	6.69	6.89				41.9	19.0
<input type="checkbox"/>	10410312	100/12	12	0.5 %	7.87	8.07	6.89	7.09				44.8	20.3
<input type="checkbox"/>	10410313	100/13	13	0.5 %	8.07	8.27	7.09	7.28				47.6	21.6
<input type="checkbox"/>	10410314	100/14	14	0.5 %	8.27	8.46	7.28	7.48				50.5	22.9
<input type="checkbox"/>	10410315	100/15	15	0.5 %	8.46	8.66	7.48	7.68				53.4	24.2
<input type="checkbox"/>	10410316	100/16	16	0.5 %	8.66	8.86	7.68	7.87				55.6	25.5
<input type="checkbox"/>	10410317	100/17	17	0.5 %	8.86	9.05	7.87	8.07				59.1	26.8
<input type="checkbox"/>	10410318	100/18	18	0.5 %	9.05	9.25	8.07	8.27				62.0	28.1
<input type="checkbox"/>	10410319	100/19	19	0.5 %	9.25	9.45	8.27	8.46				64.8	29.4
<input type="checkbox"/>	10410320	100/20	20	0.5 %	9.45	9.65	8.46	8.66				67.7	30.7
<input type="checkbox"/>	10410364	100/20-0	20-0	0 %	9.65	9.65	8.66	8.66	152.2	9.6	0.3	69.9	31.7

FILCOTEN NW100, 4" (100MM) ID, 5.12" OD (130MM) 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 STAINLESS STEEL RAIL FOR ADDED STRENGTH, GRATES SECURE TO THE RAILS WITH FOUR POINT SELF-LOCKING SYSTEM.

FILCOTEN HPC CONCRETE IS UNIQUELY ENGINEERED TO BOND TO SURROUNDING CONCRETE, BECOMING MONOLITHIC AND PREVENTING MOISTURE MIGRATION. FILCOTEN IS MANUFACTURED FREE OF MOLD RELEASING AGENTS FOUND IN POLYMER CONCRETE SYSTEMS. FILCOTEN THEREFORE 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 A CATCH BASIN. SEE ACCESSORIES PAGE.  
MANUFACTURED TO EN1433 STANDARDS

**FILCOTEN**<sup>®</sup>  
a brand of BG



## FILCOTEN CONCRETE CHANNEL DRAIN

NW100 4" HPC CONCRETE STAINLESS STEEL RAIL DIN CLASS A-E 600kN

FOR PRODUCT ASSISTANCE, CONTACT NDS TECHNICAL SERVICE AT [techservice@ndspro.com](mailto:techservice@ndspro.com)

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