

Trench drain body with integral stainless steel rails - 39.40" (1000mm) length

Channel body FILCOTEN® pro – E 150 (6") – heavy duty series

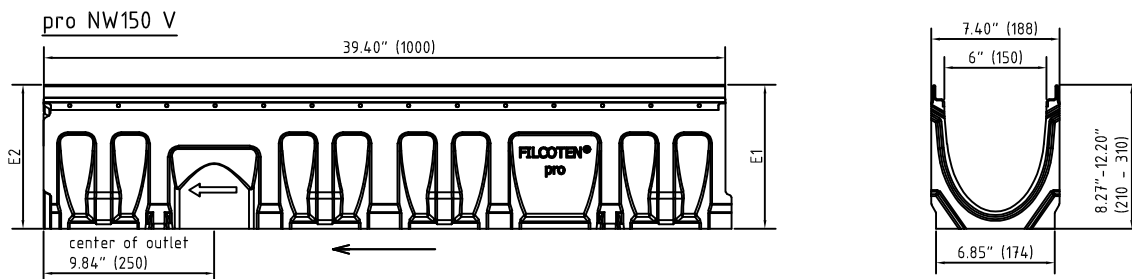
	Body part number			Overall body depth		Maximum flow rate			Weight (less grate)	
	stainless steel rails	Channel type	Slope %	E1 (Min.)	E2 (Max.)	GPM *)	LPS *)	CFS *)	Lbs	Kg
○	10615300	150/0	0 %	8.27" (210 mm)	8.27" (210 mm)	172.8	10.9	0.58	67.90	30.8
○	10615301	150/1	0.5 %	8.27" (210 mm)	8.46" (215 mm)				69.45	31.5
○	10615302	150/2	0.5 %	8.46" (215 mm)	8.66" (220 mm)				70.99	32.2
○	10615303	150/3	0.5 %	8.66" (220 mm)	8.86" (225 mm)				72.53	32.6
○	10615304	150/4	0.5 %	8.86" (225 mm)	9.06" (230 mm)				74.08	33.6
○	10615305	150/5	0.5 %	9.06" (230 mm)	9.25" (235 mm)				75.62	34.3
○	10615361	150/5-0	0 %	9.25" (235 mm)	9.25" (235 mm)	217.2	13.7	0.48	76.28	34.6
○	10615306	150/6	0.5 %	9.25" (235 mm)	9.45" (240 mm)				76.94	34.9
○	10615307	150/7	0.5 %	9.45" (240 mm)	9.65" (245 mm)				78.48	35.6
○	10615308	150/8	0.5 %	9.65" (245 mm)	9.84" (250 mm)				79.81	36.2
○	10615309	150/9	0.5 %	9.84" (250 mm)	10.04" (255 mm)				81.35	36.9
○	10615310	150/10	0.5 %	10.04" (255 mm)	10.24" (260 mm)				82.67	37.5
○	10615362	150/10-0	0 %	10.24" (260 mm)	10.24" (260 mm)	266.3	16.8	0.59	88.33	37.8
○	10615364	150/20-0	0 %	12.20" (310 mm)	12.20" (310 mm)	372.5	23.5	0.83	103.40	46.9

*) GPM = Gallons per minute, LPS = Liters per second, CFS = Cubic feet per second

Specification: FILCOTEN pro-E NW150, 188mm (7.40") wide, 1000mm (39.40") long, pre-sloped (0.5%) or neutral FILCOTEN trench drain system. Body is manufactured from a Filcoten High Performance Concrete (HPV) based material. Bodies have interlocking ends, a radiused extract for efficient liquid drainage and a multiple anchoring ribs to securely hold the body into the concrete foundation. Each body is manufactured with an integral 4mm thick, extra heavy duty, stainless steel rail. End and bottom outlets are available in 150mm (6") no hub outlet connections. Grate options include extra heavy duty ductile iron (Load Class D and E), slotted heavy/medium duty galvanized steel (Load Class B, C and D). Grates are secured to the body with a four point self-locking system. End caps and catch basins are also available.

Function: Used in commercial areas such as factories, warehouses, parking garages, car dealerships, gas stations, public and residential areas, parks, sports complexes, town squares, railway stations and cycle and foot paths. Ideal for environmentally sensitive areas because the body channels are free of resins, heavy metals, VOC and chemicals. Exceptional adhesion to surrounding concrete foundation due to the concrete composition of the body channels - resulting in a monolithic all concrete installation. Less breakage during transport and installation due to impact resistant, fibre-reinforced, UV resistant concrete material. Extra heavy duty integral stainless steel rail allows for heavy duty, hard wheel traffic applications.

1. Channel:



MATERIALS: Channels shall be manufactured from FILCOTEN® HPC (High Performance Concrete). Minimum properties of FILCOTEN® HPC will be as follows:

Compressive strength according to ASTM C39:	11700 PSI
Flexural strength:	1700 PSI
Free of release agents:	YES
Water absorption sufficient for adhesion with concrete surfaces:	YES
Non flammable:	YES

U/V resistant:	YES
Recyclable 100%:	YES
Dilute acid and alkali resistant:	YES
Frost thaw salt tested as per EN1433 with a test temperature up to -40°C (-40°F):	YES
Resistant to rapid freezing & thawing according to ASTM C666	YES
Resistant to chloride ion penetration according to ASTM C1202	YES
Material free of VOC, biocides, heavy metals:	YES