

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

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

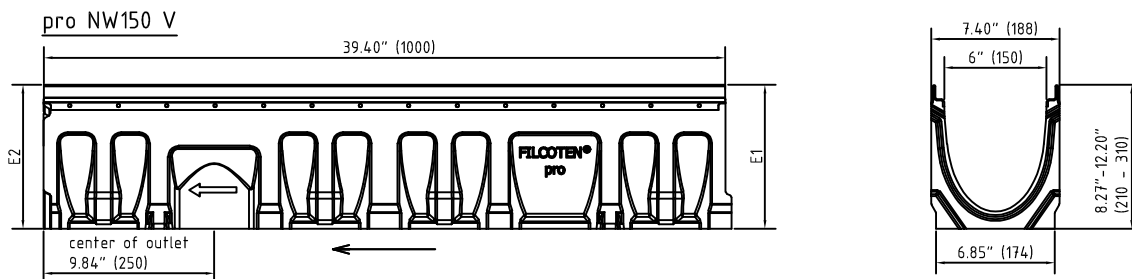
	Body part number		Slope	Overall body depth		Maximum flow rate			Weight (less grate)	
	galvanized rails	Channel type		E1 (Min.)	E2 (Max.)	GPM *)	LPS *)	CFS *)	Lbs	Kg
○	10615200	150/0	0 %	8.27" (210 mm)	8.27" (210 mm)	172.8	10.9	0.58	67.90	30.8
○	10615201	150/1	0.5 %	8.27" (210 mm)	8.46" (215 mm)				69.45	31.5
○	10615202	150/2	0.5 %	8.46" (215 mm)	8.66" (220 mm)				70.99	32.2
○	10615203	150/3	0.5 %	8.66" (220 mm)	8.86" (225 mm)				72.53	32.6
○	10615204	150/4	0.5 %	8.86" (225 mm)	9.06" (230 mm)				74.08	33.6
○	10615205	150/5	0.5 %	9.06" (230 mm)	9.25" (235 mm)				75.62	34.3
○	10615261	150/5-0	0 %	9.25" (235 mm)	9.25" (235 mm)	217.2	13.7	0.48	76.28	34.6
○	10615206	150/6	0.5 %	9.25" (235 mm)	9.45" (240 mm)				76.94	34.9
○	10615207	150/7	0.5 %	9.45" (240 mm)	9.65" (245 mm)				78.48	35.6
○	10615208	150/8	0.5 %	9.65" (245 mm)	9.84" (250 mm)				79.81	36.2
○	10615209	150/9	0.5 %	9.84" (250 mm)	10.04" (255 mm)				81.35	36.9
○	10615210	150/10	0.5 %	10.04" (255 mm)	10.24" (260 mm)				82.67	37.5
○	10615262	150/10-0	0 %	10.24" (260 mm)	10.24" (260 mm)	266.3	16.8	0.59	88.33	37.8
○	10615264	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-V NW150, 7.40" (188mm) wide, 39.40"(1000mm) long, pre-sloped (0.5%) or neutral FILCOTEN trench drain system. Body is manufactured from a fibre-reinforced concrete 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 0.16" (4mm) thick, extra heavy duty, galvanized steel rail. End and bottom outlets are available in 6"(150mm) 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 galvanized 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