

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

**Channel body FILCOTEN® pro – E 200 (8") – heavy duty series**

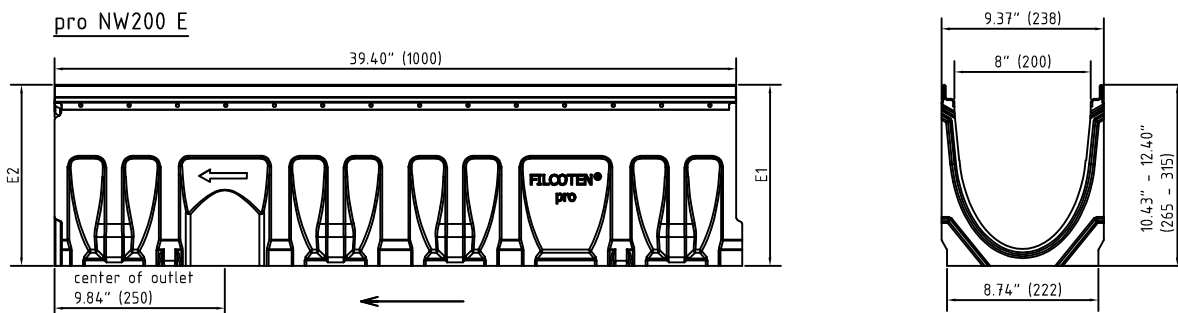
	Body part number		Slope %	Overall body depth		Maximum flow rate			Weight (less grate)	
	stainless steel rails	Channel type		E1 (Min.)	E2 (Max.)	GPM *)	LPS *)	CFS *)	Lbs	Kg
○	10620300	200/0	0 %	10.43" (265 mm)	10.43" (265 mm)	369.3	23.3	0.82	97.00	44.0
○	10620301	200/1	0.5 %	10.43" (265 mm)	10.63" (270 mm)				98.11	44.5
○	10620302	200/2	0.5 %	10.63" (270 mm)	10.83" (275 mm)				100.31	45.5
○	10620303	200/3	0.5 %	10.83" (275 mm)	11.02" (280 mm)				102.51	46.5
○	10620304	200/4	0.5 %	11.02" (280 mm)	11.22" (285 mm)				104.94	45.6
○	10620305	200/5	0.5 %	11.22" (285 mm)	11.42" (290 mm)				107.14	48.6
○	10620361	200/5-0	0 %	11.42" (290 mm)	11.42" (290 mm)	439.1	27.7	0.98	108.69	49.3
○	10620306	200/6	0.5 %	11.42" (290 mm)	11.61" (295 mm)				109.57	49.7
○	10620307	200/7	0.5 %	11.61" (295 mm)	11.81" (300 mm)				111.77	50.7
○	10620308	200/8	0.5 %	11.81" (300 mm)	12.01" (305 mm)				114.20	51.8
○	10620309	200/9	0.5 %	12.01" (305 mm)	12.20" (310 mm)				116.40	52.8
○	10620310	200/10	0.5 %	12.20" (310 mm)	12.40" (315 mm)				118.83	53.9
○	10620362	200/10-0	0 %	12.40" (315 mm)	12.40" (315 mm)	515.1	32.5	1.15	119.71	54.3
○	10620364	200/20-0	0 %	14.37" (365 mm)	14.37" (365 mm)	678.4	42.8	1.51	138.23	62.7

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

**Specification:** FILCOTEN pro-E NW200, 9.37" (238mm) wide, 39.40" (1000mm) long, pre-sloped (0.5%) or neutral FILCOTEN trench drain system. Body is manufactured from a Filcoten High Performance Concrete (HPC) 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, stainless steel rail. End and bottom outlets are available in 8" (200mm) no hub outlet connections. Grate options include extra heavy duty ductile iron (Load Class D and E), slotted and perforated heavy 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