

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

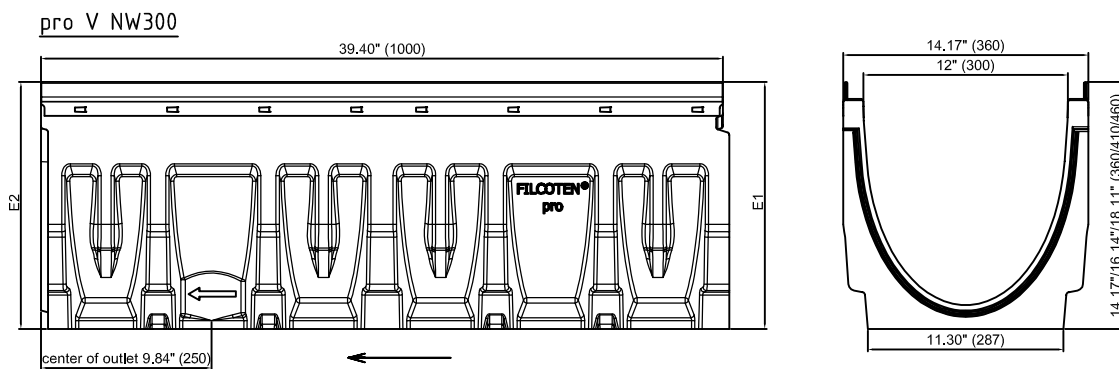
Channel body FILCOTEN® pro – G 300 (12") – extra heavy duty series

	Body part number			Overall body depth		Maximum flow rate			Weight (less grate)	
	galvanized rails	Channel type	Slope	E1 (Min.)	E2 (Max.)	GPM *)	LPS *)	CFS *)	Lbs	Kg
○	10630200	300/0	0 %	14.17" (360 mm)	14.17" (360 mm)	870.2	54.9	1.90	163.80	74.3
○	10630262	300/10-0	0 %	16.20" (410 mm)	16.20" (410 mm)	1,103.2	69.6	2.50	192.46	87.3
○	10630264	300/20-0	0 %	18.11" (460 mm)	18.11" (460 mm)	1,348.9	85.1	3.00	237.44	107.7

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

**SPECIFICATION:** FILCOTEN pro-V NW300, 14.17" (360mm) wide, 39.40"(1000mm ) long, with 3 heights 14.17" (360mm), 16.20" (410mm), 18.11" (460mm), stepped slope 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 0.20" (5mm) thick, extra heavy duty, galvanized steel rails. End and bottom outlets are available in 8"(200mm ) no hub outlet connections. Grate options include heavy duty mesh grating (Load Class C), heavy duty ductile iron (Load Class D), extra heavy duty ductile iron (Load Class D and E), slotted extra heavy duty ductile iron (Load Class F). Grates are secured to the body with a four point self-locking system or four point bolting 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 cast iron rail allows for extra heavy duty, commercial solid tire traffic patterns, hard wheel traffic applications.



**MATERIALS:** Channels shall be manufactured from Filcoten fiber composite with concrete edge cast galvanized rail. Minimum properties of Filcoten fiber composite will be as follows:

Compressive strength: 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  
 Material free of VOC, biocides, heavy metals: YES