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

**Channel body FILCOTEN® pro – V 200 (8”) – heavy duty series**

<table>
<thead>
<tr>
<th>Body part number</th>
<th>Channel type</th>
<th>Slope</th>
<th>Overall body depth</th>
<th>Maximum flow rate</th>
<th>Weight (less grate)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>galv. rails</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10620200</td>
<td>200/0</td>
<td>0 %</td>
<td>10.43” (265 mm)</td>
<td>10.43” (265 mm)</td>
<td>369.3 23.3 0.82</td>
</tr>
<tr>
<td>10620261</td>
<td>200/5-0</td>
<td>0 %</td>
<td>11.42” (290 mm)</td>
<td>11.42” (290 mm)</td>
<td>439.1 27.7 0.98</td>
</tr>
<tr>
<td>10620301</td>
<td>200/10/0</td>
<td>0 %</td>
<td>12.40” (315 mm)</td>
<td>12.40” (315 mm)</td>
<td>515.1 32.5 1.15</td>
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<tr>
<td>10620264</td>
<td>200/20-0</td>
<td>0 %</td>
<td>14.37” (365 mm)</td>
<td>14.37” (365 mm)</td>
<td>678.4 42.8 1.51</td>
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<tr>
<td>10620201</td>
<td>200/1</td>
<td>0.5%</td>
<td>10.43” (265 mm)</td>
<td>10.63” (270 mm)</td>
<td>98.11 44.5</td>
</tr>
<tr>
<td>10620202</td>
<td>200/2</td>
<td>0.5%</td>
<td>10.63” (270 mm)</td>
<td>10.83” (275 mm)</td>
<td>100.31 45.5</td>
</tr>
<tr>
<td>10620203</td>
<td>200/3</td>
<td>0.5%</td>
<td>10.83” (275 mm)</td>
<td>11.02” (280 mm)</td>
<td>102.51 46.5</td>
</tr>
<tr>
<td>10620204</td>
<td>200/4</td>
<td>0.5%</td>
<td>11.02” (280 mm)</td>
<td>11.22” (285 mm)</td>
<td>104.94 46.6</td>
</tr>
<tr>
<td>10620205</td>
<td>200/5</td>
<td>0.5%</td>
<td>11.22” (285 mm)</td>
<td>11.42” (290 mm)</td>
<td>107.14 48.6</td>
</tr>
<tr>
<td>10620206</td>
<td>200/6</td>
<td>0.5%</td>
<td>11.42” (290 mm)</td>
<td>11.61” (295 mm)</td>
<td>109.57 49.7</td>
</tr>
<tr>
<td>10620207</td>
<td>200/7</td>
<td>0.5%</td>
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<td>11.81” (300 mm)</td>
<td>111.77 50.7</td>
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<tr>
<td>10620208</td>
<td>200/8</td>
<td>0.5%</td>
<td>11.81” (300 mm)</td>
<td>12.01” (305 mm)</td>
<td>114.20 51.8</td>
</tr>
<tr>
<td>10620209</td>
<td>2100/9</td>
<td>0.5%</td>
<td>12.01” (305 mm)</td>
<td>12.20” (310 mm)</td>
<td>116.40 52.8</td>
</tr>
<tr>
<td>10620210</td>
<td>200/10</td>
<td>0.5%</td>
<td>12.20” (310 mm)</td>
<td>12.40” (315 mm)</td>
<td>118.83 53.9</td>
</tr>
</tbody>
</table>

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

**Specification:** FILCOTEN pro-V NW200, 9.37” (238mm) 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 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:**

![Diagram of channel](image)

**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:
- U/V resistant:
- Recyclable 100%:
- Dilute acid and alkali resistant:
- Frost thaw salt tested as per EN1433 with a test temperature up to -40°C (-40°F):
- Material free of VOC, biocides, heavy metals:
- YES
- YES
- YES
- YES
- YES

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**FILCOTEN pro - V 200 (8")**

nominal width 8" (200mm)
Load class A 15 kN - E 600 kN

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