

PROJECT NAME:

FILE #

TS\_FC\_NW100\_GRATE\_DI\_LONGITUDINAL\_ADA\_HP\_LOAD C,D

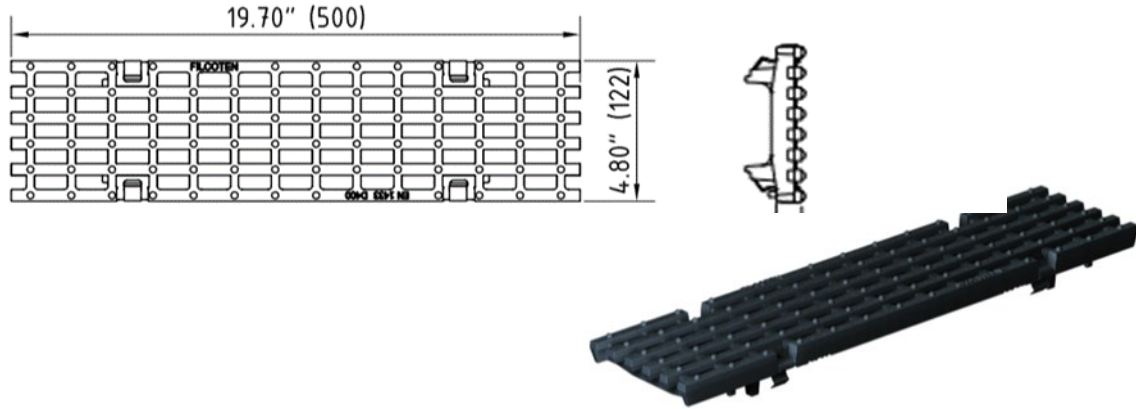


**NDS**<sup>®</sup>  
We put water in its place

## TECHNICAL SPECIFICATION

### NDS-FILCOTEN 4 INCH DUCTILE IRON LONGITUDINAL BAR GRATE

17010106, 10



PART NUMBER	SIZE	SLOT WIDTH	LOAD CL DIN	INLET AREA / METER		WEIGHT	ADA	HEEL PROOF
				FLOW RATE W/ 1/2" HEAD				
17010106	4.8 x 19.7 inch (122 x 500 mm)	1.14" X 0.24" (29 X 6 mm)	C 250 kN	49.6 inch <sup>2</sup> /m (320 cm <sup>2</sup> /m)	152 gpm/m [0.34 cfs/m] (9.6 LPS/m)	7.94 lbs 3.6 kg	YES	YES
17010110	4.8 x 19.7 inch (122 x 500 mm)	1.1" X 0.35" (28 X 9 mm)	D 400 kN	73.63 inch <sup>2</sup> /m (475 cm <sup>2</sup> /m)	226 gpm/m [0.50 cfs/m] (14 LPS/m)	7.5 lbs 3.4 kg	YES	NO

#### **SPECIFICATION:**

NDS FILCOTEN NW100, COMMERCIAL (LOAD CLASS C 250 kN) - HEAVY DUTY, (LOAD CLASS D 400 kN), DUCTILE IRON, REINFORCED LONGITUDINAL BAR GRATE IS 4.80" WIDE X 19.70" LONG (122 X 500 mm), 0.78" (20 mm) HIGH.

#### BAR GRATES:

- 17010106—1.14" X 0.24" (29 X 6 mm), ADA AND HEELPROOF COMPLIANT
- 17010110—1.14" X 0.35" (28 X 9 mm), ADA COMPLIANT

DIN CLASS C 250 kN LOAD RATED — 56,200 LBS COMMERCIAL APPLICATIONS.

DIN CLASS D 400 kN LOAD RATED — 89,920 LBS. FOR PNEUMATIC FORKLIFT TRAFFIC, ROADS AND HIGHWAYS.

DUCTILE IRON MANUFACTURED AND TESTED IN ACCORDANCE TO EN1433

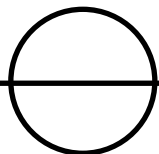
EACH HALF-METER GRATE IS SECURED TO THE BODY WITH FOUR POINT SNAP-IN LOCKING SYSTEM.

OPTIONAL ANTI-VANDAL CLIP MAY BE SPECIFIED TO PREVENT THEFT.

USE WITH FILCOTEN NW100 4 INCH CHANNEL BODY

USE 2 GRATES PER METER

**FILCOTEN**<sup>®</sup>  
a brand of BG



## FILCOTEN NW100 LONGITUDINAL BAR GRATE

4 INCH / ADA / HEELPROOF / DUCTILE IRON / DIN CLASS C 250 —D 400 kN

FOR PRODUCT ASSISTANCE, CONTACT NDS TECHNICAL SERVICE AT [techservice@ndspro.com](mailto:techservice@ndspro.com)

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