

DATA SHEET

REMOVABLE FISH BAFFLE

PRODUCT DESCRIPTION : Galvanized steel removable fish baffle with an opening which ensures the free passage of fish in a steel culvert.

FUNCTION : Removable fish baffle for steel culverts, adapted to the forest environment, that allows the crossing of a watercourse without disturbing the fauna and flora of an ecosystem.

RAW MATERIALS : Galvanized steel ASTM A123 and A385

TECHNICAL DATA : In accordance with Schedule 10* of the Regulations respecting the Sustainable Development of Forests in the state domain (RRSDF).

Installation in pipes of:

Diameter: 1200 mm (48 in) to 3600 mm (144 in)

Length: 6 m (19,7 ft) to 18 m (59 ft)

Structural strength**: CAN/CSA - S6 - 02 (CL-625) and AASHTO (H-25 and HS-25)



REMOVABLE FISH WEIR

TECHNICAL DATA TABLE

| Length of pipe | | Number of fish baffles | Distance between fish baffles ¹ | | Distance from first and last fish baffle relative to pipe ends | |
|----------------|------|------------------------|--|------|--|------|
| m | ft | | mm | in | mm | in |
| 6 | 19,7 | 3 | 2000 | 78,7 | 1000 | 39,4 |
| 9 | 29,5 | 5 | 1800 | 70,9 | 900 | 35,4 |
| 12 | 39,4 | 6 | 2000 | 78,7 | 1000 | 39,4 |
| 15 | 49,2 | 8 | 1900 | 74,8 | 900 | 35,4 |
| 18 | 59 | 9 | 1800 | 70,9 | 900 | 35,4 |

Note 1 : The distance may vary in order to comply with the current regulations.

Note 2 : The values in the table are taken from Schedule 10 of the RRSDF (Table 2 - Number and location of fish baffles according to the length of the pipe).

NUMBER OF EYELETS

| Assembly weight (pipe included) | | Minimum lifting eyelet quantity | Handling eyelet quantity ¹ |
|---------------------------------|---------------------|---------------------------------|---------------------------------------|
| kg | lb | | |
| < 4059,7 | < 8950 | 2 | 2 |
| Entre 4059,7 et 5511,2 | Entre 8950 et 12150 | 3 | 2 |
| > 5511,2 | > 12150 | 4 | 2 |

Note 1: The handling eyelets are optional and should only be used to reposition the pipes when they are in place in the trench. Handle the pipes using the lifting eyelets.

Note 1: The use of lifting eyelets is strongly recommended.

*Schedule 10 - Conditions to be met for a culvert with a conduit having outlets where the conditions provided for in Schedule 9 for the layout of a culvert with a round conduit may not be met.

** For more information, consult the Steel pipe technical data sheet table available on our website soleno.com.

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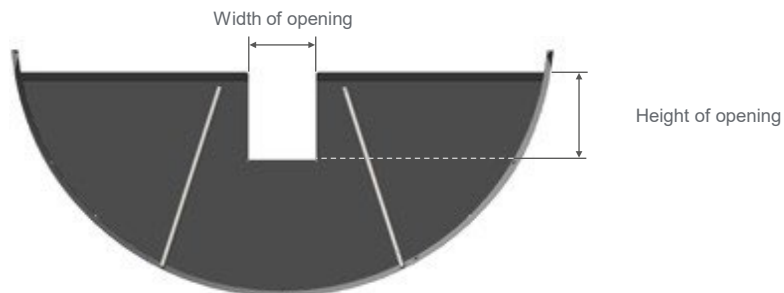
REMOVABLE FISH BAFFLE (CONT'D)

TECHNICAL DATA TABLE

| Nominal pipe diameter | | Opening ¹ | | | | Fish baffle | | | | | |
|-----------------------|-----|----------------------|----|--------|----|-------------|-----|--------|------|--------|-----|
| | | Width | | Height | | Width | | Height | | Weight | |
| mm | in | mm | in | mm | in | mm | in | mm | in | kg | lb |
| 1200 | 48 | 150 | 6 | 200 | 8 | 1220 | 48 | 520 | 20,5 | 27 | 60 |
| 1400 | 56 | 150 | 6 | 200 | 8 | 1435 | 56 | 533 | 21 | 30 | 65 |
| 1500 | 60 | 150 | 6 | 200 | 8 | 1493 | 58 | 533 | 21 | 30 | 65 |
| 1600 | 64 | 150 | 6 | 200 | 8 | 1566 | 61 | 533 | 21 | 32 | 70 |
| 1800 | 72 | 150 | 6 | 200 | 8 | 1690 | 66 | 533 | 21 | 34 | 75 |
| 2000 | 80 | 150 | 6 | 200 | 8 | 1800 | 70 | 533 | 21 | 34 | 75 |
| 2200 | 88 | 200 | 8 | 250 | 10 | 1940 | 76 | 533 | 21 | 36 | 80 |
| 2400 | 96 | 200 | 8 | 250 | 10 | 2040 | 80 | 533 | 21 | 39 | 85 |
| 2700 | 108 | 250 | 10 | 300 | 12 | 2210 | 87 | 533 | 21 | 39 | 85 |
| 3000 | 120 | 250 | 10 | 300 | 12 | 2358 | 92 | 533 | 21 | 43 | 95 |
| 3300 | 132 | 300 | 12 | 300 | 12 | 2464 | 97 | 533 | 21 | 43 | 95 |
| 3600 | 144 | 400 | 16 | 300 | 12 | 2620 | 103 | 533 | 21 | 45 | 100 |

Note 1: The dimensions of the openings listed in the table are taken from Schedule 10 of the RRSDF.

Note 2: Values in the table are approximate and may change without notice.



APPLICATION : Steel culvert

OPTION: Special lengths are available upon request

INSTALLATION : Visit solen.com to consult the installation guide.