

# Filson 8" Duplex/Dual Strainer

# SCOTTECH

A part of OTS group

## PRODUCT INFORMATION



### Technical Specifications

Standard	<ul style="list-style-type: none"><li>• ASME B16.5</li></ul>
Size	<ul style="list-style-type: none"><li>• NPS 8 (8-inch, 219.1 mm OD pipe)</li></ul>
Filter accuracy	<ul style="list-style-type: none"><li>• 6mm</li></ul>
Maximum flow rate	<ul style="list-style-type: none"><li>• 15000 l/min</li></ul>
Element	<ul style="list-style-type: none"><li>• Basket type</li></ul>
Class	<ul style="list-style-type: none"><li>• Class 150 (285 psi at 100°F)</li></ul>
Strainer Pressure capacity	<ul style="list-style-type: none"><li>• 100 Bar</li></ul>
Material	<ul style="list-style-type: none"><li>• SA/A105N (normalized carbon steel)</li><li>• SA/A350 LF2 CL1 (low-temperature carbon steel, Class 1)</li></ul>

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# Filson 8" Duplex/Dual Strainer

Key Dimensions	<b>Weld Neck, Class 150, NPS 8):</b> <ul style="list-style-type: none"><li>• OD: 13.50 inches (342.9 mm)</li><li>• Thickness: 0.94 inches (23.9 mm)</li><li>• Bolt Circle: 11.75 inches (298.5 mm)</li><li>• Bolt Holes: 8 x 0.88 inches (22.2 mm)</li><li>• Raised Face Diameter: 10.62 inches (269.9 mm)</li></ul>
Pressure Ratings	<ul style="list-style-type: none"><li>• 285 psi at 100°F, decreasing to 200 psi at 600°F; SA/A350 LF2 CL1 suitable for -50°F.</li></ul>

## Key Components of the Description

- ASME B16.5: The standard for pipe flanges and flanged fittings, covering sizes NPS 1/2 to 24, including dimensions, pressure ratings, and materials for Class 150 to 2500.
- 8-inch: Nominal pipe size (NPS 8), corresponding to a pipe outer diameter of 8.625 inches (219.1 mm).
- Class 150: Pressure-temperature rating, suitable for low-pressure applications (e.g., up to 285 psi at ambient temperatures for certain materials).
- SA/A105N: Normalized carbon steel forging material per ASME SA-105, commonly used for flanges in general service.
- SA/A350 LF2 CL1: Low-temperature carbon steel forging material per ASME SA-350, Class 1, designed for low-temperature service.

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