

# WIRE BACKED SILT FENCE

You can prevent the release of silt and sediment from a construction site with a Layfield silt fence. This temporary sediment control device protects surrounding neighborhoods, streams, and catch basins from silt contamination by collecting and filtering sediment from sheet flow runoff. This way, you can avoid expensive cleanup costs and potential harm to the environment.

| Aug 2024            |                          | Wire Back Silt Fence        |                     |   |
|---------------------|--------------------------|-----------------------------|---------------------|---|
| Material Properties | Style                    | ASTM                        | Unit                | SFF 124 Silt Fence Fabric - M.A.R.V<br>(Minimum Average Roll Value) |
|                     | Weight (Typical)         | D 5261                      | oz/yd <sup>2</sup>  | 3.2   |
|                     | Grab Tensile (Warp/Fill) | D 4632                      | lbs                 | 124X102   |
|                     | Grab Elongation          | D 4632                      | %                   | 16X20   |
|                     | Trapezoidal Teal         | D 4533                      | lbs                 | 65X65   |
|                     | Punctured Strength       | D 4833                      | lbs                 | 60  |
|                     | Mullen Burst Strength    | D 3786                      | psi                 | 300   |
|                     | Permittivity             | D 4491                      | Sec <sup>-1</sup>   | 0.1   |
|                     | AOS                      | D 4751                      | sieve size          | 30  |
|                     | Water Flow Rate          | D 4491                      | Gal/Min/SF          | 10  |
|                     | UV Resistance            | D 4355                      | % strength retained | 80  |
|                     | Wire                     | 14-gauge nom.<br>Galvanized | 2"X4" opening       | 3'X100'   |

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