

Elcometer 115 Wet Film Combs

Can be used in accordance with:

ASTM D 4414-A, AS/NZS 1580.107.3, BS 3900-C5-7B*, ISO 2808-1A, ISO 2808-7B*, JIS K 5600-1-7, NF T30-125, US NAVY PPI 63101-000, US NAVY NSI 009-32



These reusable precision stainless steel wet film combs are made to be long lasting and are supplied with either Metric or Imperial film thickness measurements.

Four separate wet film thickness ranges are available up to a maximum of 1250µm and are manufactured to an accuracy of 5% or 2.5µm, whichever is the greater.

Each wet film comb has 10 measurement steps (teeth).

Technical Specifications

Part Number	Range	Measurement Steps	Certificate
B11529455M	20 – 325µm	20, 35, 50, 75, 100, 125, 175, 225, 275, 325µm	o
B11529456M	50 – 450µm	50, 75, 100, 150, 200, 250, 300, 350, 400, 450µm	o
B11529457M	50 – 750µm	50, 100, 150, 200, 250, 350, 450, 550, 650, 750µm	o
B11529458M	125 – 1250µm	125, 250, 375, 500, 625, 750, 875, 1000, 1125, 1250µm	o
B1152959WM	-	Set of 4 Wet Film Combs	o
Accuracy	±5% of marked value or 3µm whichever is the greater		

o Optional Certificate Available

* Standards in not in bold have been superseded but are still recognised in some industries

Packing List

Elcometer 115 Wet Film Comb

Video



YouTube Video - How to use a Wet Film Comb
(Click on the image to the left to view the video)

The Elcometer Wet Film Combs are easy to use and available in a variety of scales to meet different film thickness needs. When applying a liquid coating, by measuring the uncured film thickness, it is possible to determine the eventual dry film thickness, ensuring high quality finish with minimal waste.

Wet Film Comb Technique

Wet film combs have teeth of various lengths on their sides. The comb is dipped into the wet film and then removed. The wet film thickness lies between biggest value wet tooth and smallest value dry tooth values.

If the volume to solids ratio of the coating is known, then the wet film thickness can be used to predict the dry film measurement. As a rule of thumb dry film thickness will be 50% of wet film thickness. Elcometer offers a wide selection of wet film cobs to suit various applications.