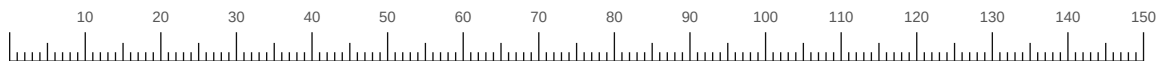


Air Filter Measurement Sheet

Filters are sold by shape and dimension, never by model. Four measurements and a fitting type settle it.

PRINT CALIBRATION — CHECK BEFORE MEASURING



Lay a steel rule along this scale. The 150mm mark must fall at exactly 150mm. If it does not, reprint at 100% / "Actual size" with page scaling off — every measurement you take from a scaled sheet will be wrong.

THE FOUR DIMENSIONS

OVERALL LENGTH	OVERALL WIDTH OR OD	HEIGHT OR DEPTH	INSIDE DIAMETER, IF ROUND
mm	mm	mm	mm

HOW IT SEALS — THE PART NOBODY QUOTES

Two filters with identical outer dimensions can seal three different ways

TYPE	HOW IT SEALS	WHAT TO RECORD
Panel element	A rubber or foam lip pressed between two housing halves	Lip thickness, and whether it runs all the way round
Round or oval element	End caps clamped, or a flange bolted to a face	End cap material, bolt spacing if flanged
Pod or clamp-on	A rubber neck clamped over a spigot	Neck inside diameter, and the spigot's outside diameter
Foam over a cage	The foam's own tension on a frame	Cage dimensions as well as the foam's

ELEMENT TYPE	NECK OR FLANGE INSIDE DIA	CLAMP SIZE, IF CLAMPED
	mm	mm

MATERIAL	WAS IT OILED?	ANY MARKING ON IT

Paper, foam, gauze

TRACE IT IF THE SHAPE IS IRREGULAR

5MM GRID — DRAW ROUND THE SEALING FACE



WHILE IT IS APART

- ☐ Housing free of dust, oil and debris
- ☐ Housing drain, if it has one, clear
- ☐ Intake duct from the housing to the carburettor intact and clipped
- ☐ Snorkel or intake mouth not blocked by a nest or debris
- ☐ Crankcase breather hose into the housing not blocked or full of oil
- ☐ Oil pooling in the housing
Points at a breather problem rather than a filter problem
- ☐ Housing seals to its lid all the way round
- ☐ All housing fasteners present

OIL IN THE AIRBOX IS A FINDING

A crankcase breather feeds into the airbox by design, and a little oil mist there is normal. Standing oil is not. It points at a blocked breather, an overfilled sump or worn rings pressurising the crankcase — and a new filter fitted into a pool of oil will be soaked through within a few miles.

THIS SHEET RECORDS, IT DOES NOT RECOMMEND

Nothing here tells you which part to buy. It tells you what you currently have, in the units a seller works in. Machines built to the same nominal specification were fitted with different components by different suppliers, sometimes inside one model year, so the only reliable reference is the item in your hand.

Need to work out what you actually own?

The Scooter Parts Registry is a free public record of the Chinese factories behind US-market scooters, ATVs and go-karts — brand, engine family, VIN prefix, factory and related machines. No account, no email.

thescooterparts.com/identify