



OIL COOLERS

Flexolite oil coolers are made in Sweden and are industry-standard aluminium “stacked plate” coolers. These have been in use since the 1950’s and can be seen on every type of competition or modified production car imaginable. The cooler consists of alternating layers of oil-ways and air-ways to give the maximum surface area for efficient heat exchange. The simple, brazed construction also provides an ideal strength-to-weight ratio. The standard thickness (front to back measurement) is 50mm (2”), there are two widths readily available, and a wide range of heights - normally reckoned in “rows” (see below). The coolers are normally supplied painted black.

Coolers can be supplied with a variety of connections, but JIC and BSP male threads are the most widely-used (other types can be supplied to order). The threaded fittings are removable, which reduces the risk of damage to the cooler when tightening or loosening connections. The coolers are reasonably robust but rubber-mounting is advised in harsh usage or where vibration is a problem. It is recommended that coolers over 16-rows high are mounted using both top and bottom plates or have a clamping arrangement between the top and bottom plates. For really rough use we recommend the CR range of coolers (see below).

Ideally, coolers should be mounted where there is a good supply of cool air - but this is not always possible and we can supply electric fans if required. We suggest that any oil cooler system incorporates a thermostat, not only to help the engine warm up but also to protect the cooler from pressure spikes when starting from cold.

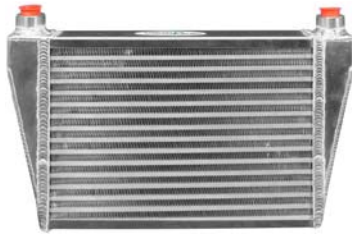
We will be happy to advise on size and type of cooler, location, etc.

STANDARD DIMENSIONS (mm):	MOUNTING CENTRES	CONNECTION CENTRES	MATRIX WIDTH	OVERALL WIDTH
FULL-WIDTH	308	248	235	330
HALF-WIDTH	188	128	115	210

No. of Rows	Height (mm)	Part No. Full-width:	Price	Part No. Half-width	Price
7	53	OCF07	£54.00	OCH07	£45.00
10	77	OCF10	£62.00	OCH10	£48.00
13	100	OCF13	£72.00	OCH13	£56.00
16	124	OCF16	£82.00	OCH16	£66.00
19	147	OCF19	£94.00	OCH19	£78.00
25	194	OCF25	£112.00	OCH25	£99.00

Please specify thread type and size when ordering. If you are unsure please ask

Prices do not include VAT @ current rate



CR Oil Cooler

Hand-made heavy duty oil cooler, ideal for rallying and similar harsh use. Size shown is 370mm(w)x200(h)x50(t), but can also be made to order in almost any size with connections, mounting brackets, etc, as desired. As an example, a cooler with above dimensions costs £195.00

OIL SYSTEM COMPONENTS

THERMOSTATIC SANDWICH PLATE

This fits between the spin-on oil filter and the engine block/filter housing to take oil to and from the oil cooler. It incorporates a thermostatic valve to help the engine warm up quickly; the valve is fully open at 80°C to ensure that all the oil is then routed through the cooler. The connections are made through 1/2BSP female ports (and we can supply adaptors to other threads and sizes). The locating screw can be supplied to suit most car engines – ask for details or specify your required thread type when ordering. If you have an older car which does not use a spin-on filter you will need to fit a Flexolite oil filter adaptor first.



TSP1 £41.00



HIGH-FLOW SANDWICH PLATE

Slightly larger than the TSP1 but provides greatly improved flow. Ports are M22x1.5 but we can supply adaptors for most applications. Plate is 32mm thick.

HFP1 £52.00

SANDWICH PLATE

This fits between the oil filter and the filter head/engine block to direct oil to and from the cooler, or it can be used in conjunction with a top plate to re-locate the oil filter (when used with a remote filter head). 1/2BSP female ports. Please specify locating bolt thread when ordering (or ask for details).

OSP 1 £18.50



TOP PLATE

Used with the sandwich plate (above) to re-locate the oil filter. Available with 3/4UNF & 13/16UNF - ask if you are not sure what thread your engine has. Combined height with OSP1 is 60mm.

OTP1 £17.00

FILTER RE-LOCATION PLATE

This is used in re-locating the oil filter but the plate screws directly on to the oil filter spigot (male thread). Ports are 1/2NPT or 1/2BSP (specify when ordering). Available to suit various threads.

FRP1 3/4UNF £18.00

FRP2 13/16UNF £24.00

FRP3 M18 £18.00

FRP4 M20 £24.00

FRP5 M22 £24.00



IN-LINE OIL THERMOSTAT 1

This is an oil thermostat which can be located in the lines running to and from the oil cooler when a thermostatic sandwich plate is not being used. Ports are -10JIC. Dimensions are 100mmx35mmx100mm.; has two 6mm mounting holes, and 1/8NPT tappings for gauge take-offs. Stat opens at 70°C, fully open at 80°C. Machined from billet aluminium.

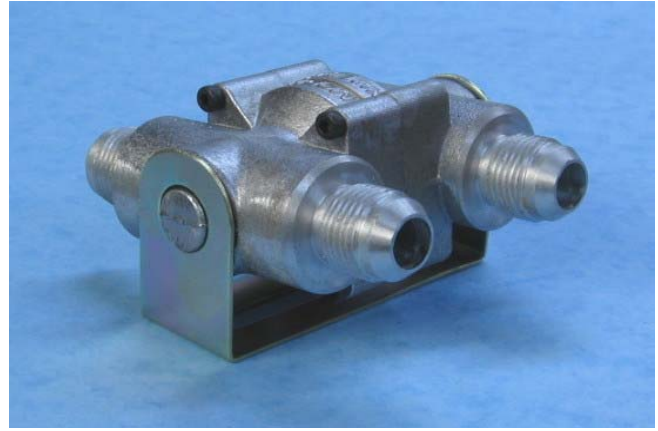
ILT1 £78.00

IN-LINE OIL THERMOSTAT 2

Cast alloy in-line thermostat for in-line use. Supplied with mounting bracket. Thermostat fully open at 80°C.

Available with male or female threads as below.

ILT2A	1/2BSP female	£64.00
ILT2B	1/2BSP male	£59.00
ILT2C	-08JIC male	£59.00
ILT2D	-10JIC male	£54.00
ILT2E	-12JIC male	£54.00



IN-LINE OIL THERMOSTAT 3

Lightweight in-line thermostat which requires no bracket (supported by oil lines). Available only with push-on spigots.

ILT3A	3/8" spigots	£27.50
ILT3B	1/2" spigots	£28.50

ONE-WAY VALVE

For use with electric oil pumps and to prevent siphoning and drainage problems with dry-sump oil systems. These are flap valves and have minimal effect on flow.

OFA6	-06JIC	£58.00
OFA8	-08JIC	£62.00
OFA10	-10JIC	£88.00
OFA12	-12JIC	£102.00
OFA16	-16JIC	£110.00

