

Fuel lines

All fuel hoses between fuselage tank and power-plant are teflon hoses without a limited service life. These hoses either have a metal shielding or are covered by a thick brown fire retardant material in the engine compartment.

All remaining fuel lines (e.g. tank vent lines, refuelling lines, connections to wing tanks etc.) are Tygon LP1100 hoses or hoses type FMP-ECO.

Tygon LP1100 hoses:

These hoses can be recognised by the slotted fabric enclosure which allows the inspection of these transparent hoses. The service life and the replacement of these hoses depends on their condition.

FMP-ECO-Hoses according to DIN 73379 Type 3E:

These hoses can be recognised by the black rubber enclosure. They have a good resistance to all current types of fuel. However, right now there is still insufficient long term operating experience available. For this reason these hoses must be replaced after 10 years in service. The maximum storage time must not exceed four years from the date of manufacture.

Flexible Wing Fuel Tanks

The flexible fuel tanks are subject to a service life limitation. The service life is 16 years from date of manufacture considering the periodic inspections specified in the currently valid issue of the "Installation and Inspection Instruction for Flexible Fuel Tanks" by Alexander Schleicher.