



# Water Coolant Hoses

## Construction

Silicone rubber reinforced with a number of plies of fabric. Usually straight or shaped construction for applications depending on specific requirements as relative movement is small. 'No collapse' spiral constructions without wire reinforcement are available for flexible connections for cab tilt operation.

## Operating temperatures

Minus 50°C to plus 250°C

The type of fabric used is a key defining factor of the temperature resistance of a hose:

- Aramid fabric
- Polyester fabric

## Operating pressures

Up to 3 bars

## Performance

- Designs available to operate with aggressive long life coolant solutions.
- Meet or exceed the requirements of the SAEJ20R1 class A specifications.
- Resistant to coolant solutions, cold leaks, cracking, peeling, ageing and exposure to ozone.

## Additional optional design features

- Integral heat shields for hoses located close to heat sources.
- Clamp position guidelines to assist in correct clamp positioning.
- Clamps pre-attached to hoses to reduce assembly work and minimise stock-holding.
- Radial location marking and notches to assist correct assembly.

