



Select the whole assembly

A reference guide for PTFE heated hose and replacement enquiries.

Start with the process

State the adhesive or other intended medium, supplier product name, operating temperature, operating pressure and cleaning method. Include process changes since the old hose was supplied. Send the medium safety data sheet where relevant.

Configuration item	How to define it
Length	Give units, measurement end points and whether dimensions include fittings. A sketch avoids ambiguity.
Bore	Give the fluid passage diameter, not the outside cover diameter. Identify uncertain measurements.
Temperature and pressure	Give the required operating conditions together. A pressure value at room temperature is not a rating at elevated temperature.
Voltage and power	Copy the actual hose label and equipment documentation. Include AC/DC and frequency where applicable.
Sensor and wiring	Supply the sensor identity and approved pinout. A plug with the same shape may be wired differently.
Fluid fittings	Specify both ends: thread system, size, seal type, angle and orientation.
Installation	Show the route, available space, movement and nearby sources of heat or abrasion.

Unknown details? Send the evidence you have. Leave the item unresolved in the enquiry rather than selecting a guessed specification.



Build a replacement reference

A photo reference helps us discuss appearance; it is not a compatibility certificate.

Photograph	Include in the frame
1 / Overall hose	The full assembly, both ends and an identification label.
2 / Nameplate	Readable text, model or part number, voltage, power and other ratings.
3 / End A fitting	Front and side views, mating equipment reference and a scale where safe.
4 / End B fitting	The same views; note different fittings or angles.
5 / Electrical plugs	Front and side views of each connector and any identifying marks.
6 / Installation route	Support positions, moving sections, restrictions and equipment connections.

Photograph safely

Do not remove a connector or open a pressurised line just to take a photograph. Use existing service photographs or arrange access through the site's authorised maintenance personnel.

Three confirmation gates

Mechanical: bore, length, interfaces, seals and route.

Electrical: supply, power, sensor, pinout and protection.

Process: medium, temperature, pressure and environment.

A proposed alternative remains under review until all relevant gates are resolved in the accepted configuration. No automatic cross-reference is created from the brand name alone.

Understand the specification

How to read the order-specific information without mixing product categories.

Term	Meaning for the buyer
Working pressure	The permitted operating pressure under the stated conditions; use the assembly-specific value.
Burst pressure	A destructive test value, not a continuous operating limit or a site test instruction.
Temperature limit	An assembly limit that must account for more than the PTFE inner tube alone.
Bend radius	A routing constraint. The required radius and static/dynamic conditions must be identified for the selected hose.
Connector / sensor	Mechanical fit does not confirm electrical suitability. Confirm the approved drawing.
Compliance documents	Request documents for the actual model and destination; a catalogue logo is not a substitute.

What the quotation should resolve

The final assembly description or drawing revision; required quantity; confirmed mechanical and electrical specifications; delivery destination; price and payment basis; agreed inspection documents; and applicable commercial terms.

Why this guide has no blanket pressure table

This range includes individually configured assemblies. Generic PTFE tube data and specifications belonging to another manufacturer must not be treated as the rating of a supplied heated hose.

Discuss your hose requirement

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