

## Contacts

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**SERIES 7000 FLUIDICS**  
**WATER COOLING FITTINGS**



**KEEP COOL**

Safeguard  
Data Systems.



# SERIES 7000 FLUIDICS THE NEW PUSH-IN FITTING FOR COOLING SYSTEMS



## FULL FLOW

Designed for optimal flow and efficient cooling

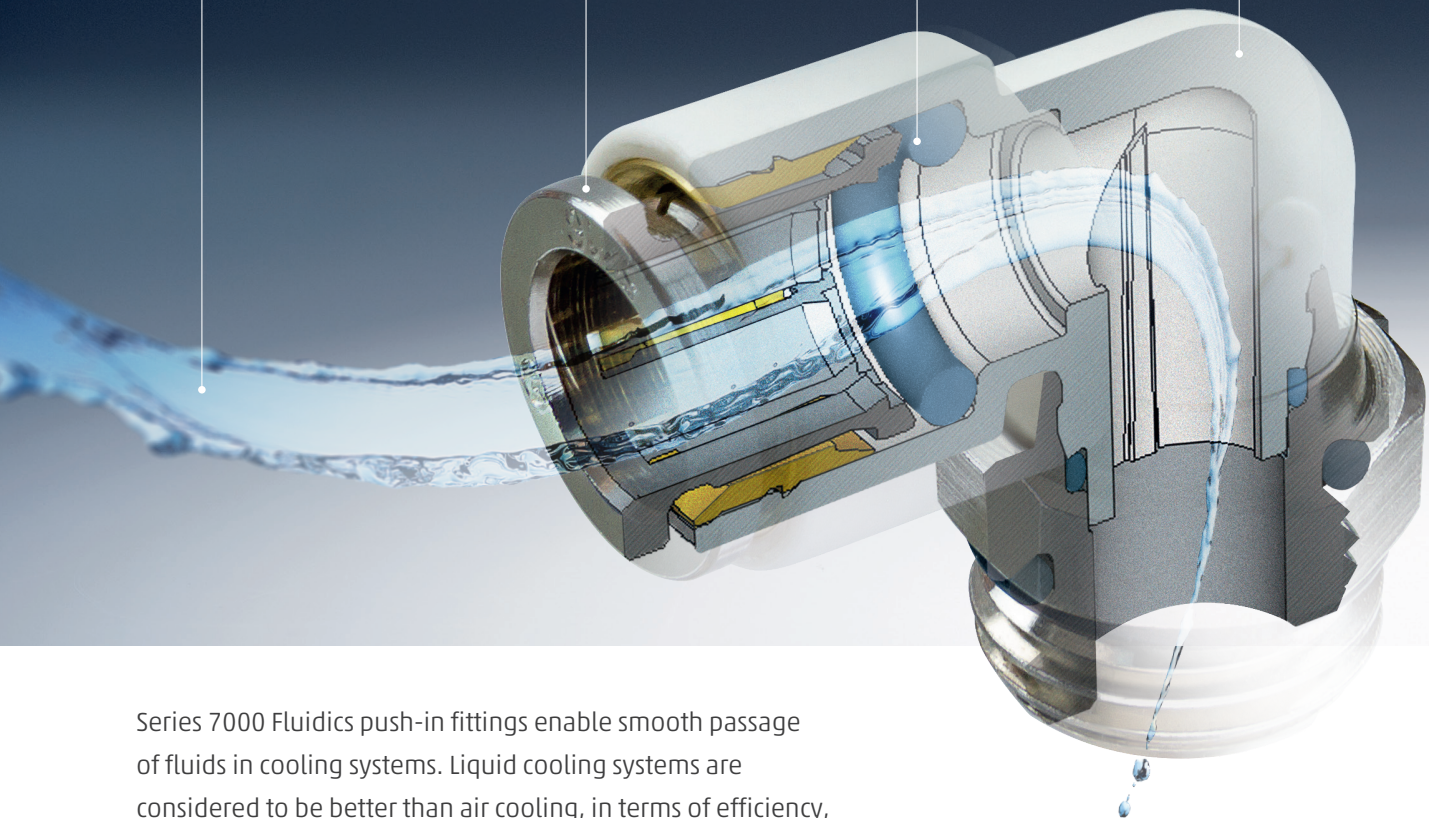
## RELIABLE CONNECTION

## EPDM SEAL

For Industrial water resistance

## PA11 BODY

Bio-sourced and reliable



Series 7000 Fluidics push-in fittings enable smooth passage of fluids in cooling systems. Liquid cooling systems are considered to be better than air cooling, in terms of efficiency, effectiveness, compactness and noise in a wide range of applications from computer servers to industrial equipment. The Series 7000 Fluidics fitting range has been designed with a special technopolymer, based on renewable raw materials, that allows the component to resist water absorption, temperature variations and cooling liquid additives. The material maintains constant dimensional stability in contact with different fluids and does not breakdown with age.

Advanced gripping characteristics make the Series 7000 Fluidics an excellent alternative to traditional fittings, guaranteeing a uniform tightening on the whole surface of the tube. This enhances high reliability and resistance to repeated connections and disconnections of the tube. Reliable connection, compact dimensions and easy installation in confined spaces are only some of the features that make these new fittings an innovative solution for a wide range of cooling systems.

## BENEFITS



Easy to connect and disconnect



Resistant to water pressure and erosion



Resistant to corrosion



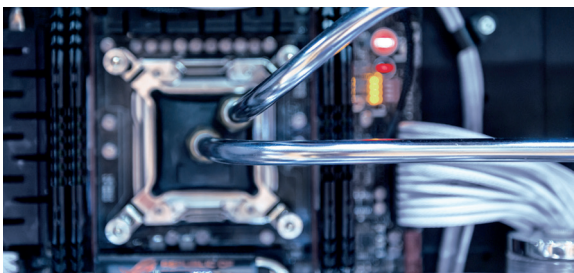
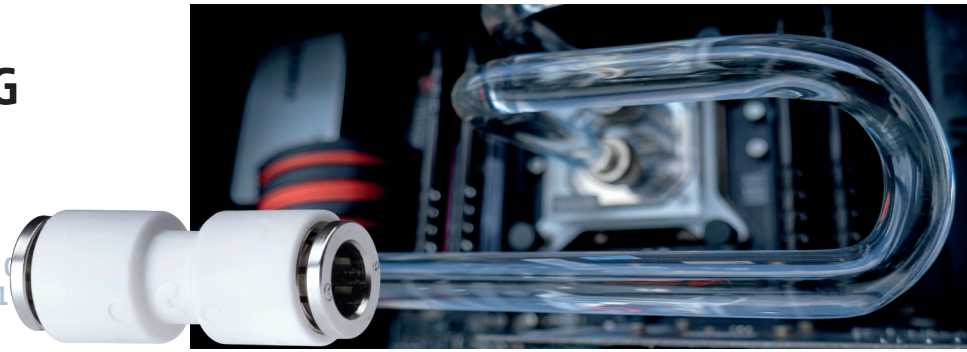
Dimensional stability with water contact



Long life cycle

# COMPUTER AND ELECTRONICS COOLING

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## High reliability and resistance to fluids

Liquid cooling systems within electronic systems, data centres and power supplies for electronic systems require reliable and stable components to ensure equipment is protected from overheating and maintain data integrity.

Compact dimensions and resistance to corrosion and wear make the Series 7000 Fluidics a reliable solution, suitable to operate in cooling systems for servers and electronic systems.

Applications:

- Data centre racks
- Water cooling for Servers and Processors
- Aluminium Cold Plates
- Energy Storage: Power Pack, Batteries racks, Fuel cells

## General Data

<b>Diameters</b>	Ø6mm	Ø8mm	Ø10mm	Ø12mm	Ø16mm
<b>Working pressure at -20°/+40</b>	16bar	16bar	14bar	14bar	12bar
<b>Working pressure at -20°/+70°</b>	16bar	14bar	12bar	10bar	8bar
<b>Working pressure at -20°/+100°</b>	14bar	12bar	10bar	8bar	6bar
<b>Threads</b>	GAS cylindrical ISO-228 (BSPP)				
<b>Tube to connect</b>	Polyurethane (PU), Polyethylene (PE), Polyamide (PA), Fluoropolymer (PTFE)				
<b>Medium</b>	Series 7000 is suitable for use with both standard industrial water supplies and a range of specialist cooling fluids. (Please contact us to discuss individual requirements).				
<b>Materials</b>	Body: technopolymer PA11. Seals: EPDM. Threads: chemical nickel plating. Collet (not in contact with cooling fluid): nickel plated.				



# SERIES 7000 FLUIDICS

## THE RANGE



### Mod. F6512K

BSP Male Connector



Mod.

F6512 6-1/8K	F6512 8-1/4K	F6512 10-3/8K	F6512 12-1/2K
F6512 6-1/4K	F6512 8-3/8K	F6512 10-1/2K	F6512 16-1/2K
F6512 8-1/8K	F6512 10-1/4K	F6512 12-3/8K	F6512 16-3/4K

### Mod. F6463K

BSP Female Connector



Mod.

F6463 6-1/8K	F6463 8-1/4K	F6463 10-3/8K	F6463 12-1/2K
F6463 6-1/4K	F6463 8-3/8K	F6463 10-1/2K	F6463 16-1/2K
F6463 8-1/8K	F6463 10-1/4K	F6463 12-3/8K	F6463 16-3/4K

### Mod. F6700K

Cartridge



Mod.

F6700 6K  
F6700 8K  
F6700 10K

### Mod. F7522K

BSP Male Swivel Elbow



Mod.

F7522 6-M5K	F7522 8-1/4K	F7522 10-1/2K	F7522 16-1/2K
F7522 6-1/8K	F7522 8-3/8K	F7522 12-1/4K	F7522 16-3/4K
F7522 6-1/4K	F7522 10-1/4K	F7522 12-3/8K	
F7522 8-1/8K	F7522 10-3/8K	F7522 12-1/2K	

### Mod. F7526K

Long BSP Male Swivel Elbow



Mod.

F7526 6-1/8K	F7526 8-1/4K	F7526 10-3/8K	F7526 12-1/2K
F7526 6-1/4K	F7526 8-3/8K	F7526 10-1/2K	F7526 16-1/2K
F7526 8-1/8K	F7526 10-1/4K	F7526 12-3/8K	F7526 16-3/4K

### Mod. F7550

Elbow Connector



Mod.

F7550 6  
F7550 8  
F7550 10

F7550 12	F7550 16
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### Mod. F7580

Union Connector



Mod.

F7580 6  
F7580 8

F7580 10	F7580 12
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### Mod. F7540

Tee Connector



Mod.

F7540 6  
F7540 8  
F7540 10

F7540 12	F7540 16
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**Mod. F7560**

Y Connector - Reducer



Mod.  
F7560 6  
F7560 8  
F7560 10

**Mod. F7545**

Multi Tee Reducer



Mod.  
F7545 8-6  
F7545 10-8

**Mod. F7555**

Junction Elbow



Mod.  
F7555 6-6 F7555 10-10  
F7555 8-8 F7555 12-12

**Mod. F7800**

Reducer Junction



Mod.  
F7800 4-6 F7800 6-8 F7800 6-12 F7800 8-12  
F7800 4-8 F7800 6-10 F7800 8-10 F7800 10-12

**Mod. F6750K**

Female Plug



Mod.  
F6750 6K F6750 12K  
F6750 8K F6750 16K  
F6750 10K

**Mod. 6900**

Plastic Male Plug



Mod.  
6900 6 6900 10  
6900 8 6900 12

**Mod. 2611**

BSP Male Plug



Mod.  
2611 1/8 2611 1/2  
2611 1/4 2611 1  
2611 3/8

**Accessori Mod. 3033**

4 Ways Distribution Block with fixing holes.  
Material: anodized Aluminium



Mod.  
3033 1/8 3033 3/8  
3033 1/4 3033 1/2

**Accessori Mod. 3043**

Manifold with double lateral outlets  
Material: anodized Aluminium



Mod.  
3043 1/4-3D-1/8 3043 1/4-6D-1/8 3043 3/8-5D-1/4 3043 1/2-4D-3/8  
3043 1/4-4D-1/8 3043 3/8-3D-1/4 3043 3/8-6D-1/4 3043 1/2-5D-3/8  
3043 1/4-5D-1/8 3043 3/8-4D-1/4 3043 1/2-3D-3/8 3043 1/2-6D-3/8

**Accessori Mod. 3053**

Manifold with lateral outlets  
Material: anodized Aluminium



Mod.  
3053 1/4-3L-1/8 3053 1/4-6L-1/8 3053 3/8-5L-1/4 3053 1/2-4L-3/8  
3053 1/4-4L-1/8 3053 3/8-3L-1/4 3053 3/8-6L-1/4 3053 1/2-5L-3/8  
3053 1/4-5L-1/8 3053 3/8-4L-1/4 3053 1/2-3L-3/8 3053 1/2-6L-3/8