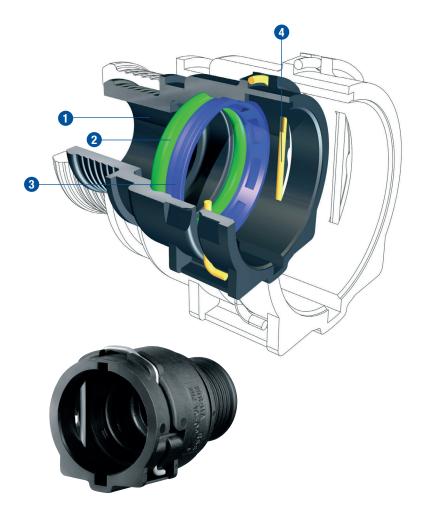
QUICK CONNECTORS

PS₃

PS3 "Push & Seal" plastic quick connectors are an ideal means for the secure connection of cooling water and heating hoses.



The advantages at a glance

- Locking function
- Simple spigot
- O-ring is on the inside to prevent damage to seal
- Series experience since 1997, volume experience of a total of 70 million PS3
- New optimized version with reduced weight can be offered
- Housing
- 2 0-ring
- 3 Retaining ring
- 4 Retainer (spring)

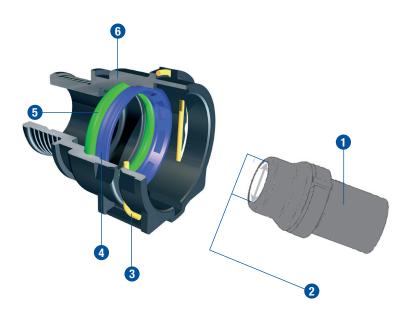
Standard materials

PS3 quick connectors are made from recyclable materials. For our standard versions we use polyamide 6.6 with 30% glass fiber content.

The standard material for the O-rings consists of peroxide-cured EPDM which is resistant to hot water. For PS3 quick connectors that are likely to be used in direct contact with coolants we recommend PA 6.6 with 30% glass fiber content that has been stabilized against heat and hydrolysis.

CONNECTING SPIGOT – TO VDA STANDARD

Please note that all PS3 quick connectors are delivered without spigot. However, we will be pleased to offer suitable VDA spigots for Line-to-Line connection on request.



Technical features

• Medium/Fluid: Cooling water

• Operating pressure: 0–2 bar excess pressure

• **Operating temperature:** Engine compartment: -40°C to +135°C, Short time up to +150°C (approx. 30 min.)

The advantages at a glance

- Snap assembly without tool
 - time and cost reduction
- · Robot assembly possible
 - automated processes
- Compact structural dimensions
 - to be used in extremely narrow spaces
- Integrated seal
 - optimal tightness
- 1 Connection spigot
- 2 Diameter of bore Nominal Width (NW)
- 3 Retainer (spring)
- 4 Retaining ring
- 6 O-ring
- 6 Connector