

JOINPLAS

CONNECTION, YOU CAN RELY ON...

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Award-winning Components made from High-performance Synthetic Material

Thermal Management for Vehicles

JOINPLAS GmbH - Connection, you can rely on...

JoinPlas develops and produces connectors from high performance synthetic material for the thermal management in vehicles. Our innovative coupling systems allow a quick and secure connection of coolant lines, especially thermal management systems in electric and hybrid vehicles, but also in vehicles with modern combustion engines. Our easy-to-assemble modular synthetic coupling systems decrease the overall weight and increase performance despite a smaller line diameter.

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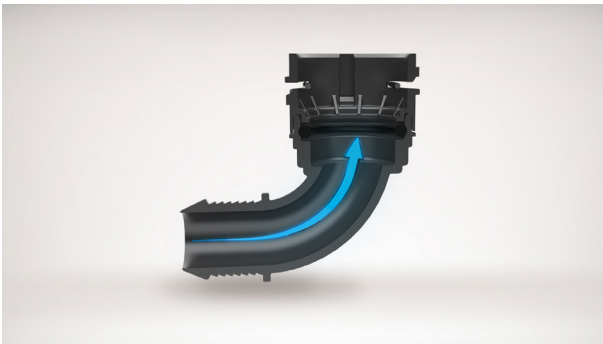
VDA Couplings

Modular synthetic couplings according to VDA standard



Optimized synthetic basic design with reduced wall thickness

- › Reduced weight, up to 15 % saving in material
- › Reduced CO₂-emission in production and use
- › Compact design for small installation areas suitable



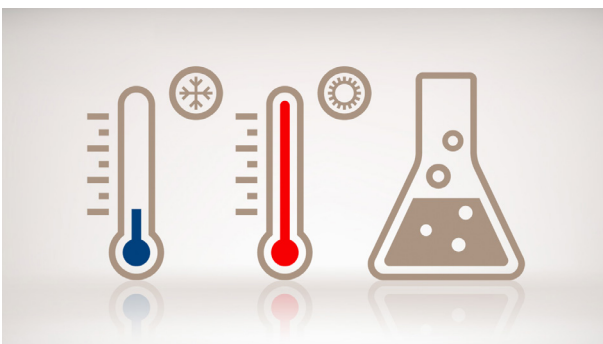
Flow-optimization

- › Low pressure loss despite reduced diameter
- › Improved performance



Modularity allows individual connector designing

- › Body with connection angle according to customer request
- › Head can be oriented as needed for connection with body
- › Coupling head out of different materials and other options besides fir tree possible
- › Various sealing systems according to customer requirements



Thermal and media resistance

- › from -30°C/-22°F up to +150°C/302°F
(PP up to 100°C/212°F, PA up to 135°C/275°F, PPS up to 150°C/302°F)
- › Media resistant according to customer requirements