Envalior
Imagine the Future

Charge Air Cooler Caps

Automotive | Engine | Cooling / Thermal management

Print Date: 2024–11–12

Benefits

- Long term heat resistant
- Lightweight
- Cost effective
- Fatigue resistant

Details

Stanyl® PA46 is the first high–temperature polyamide and the only aliphatic polyamide in its class, making it an ideal choice for charge air cooler caps. Compared to metal, it is up to 50% lighter, offering better creep/fatigue resistance than PPS and PPA. Stanyl® Diablo offers excellent long term temperature resistance of up to 230° C. Akulon® and EcoPaXX® are up to 50% lighter than metal and more cost effective at the cold side, while Xytron™ PPS allows for super high long term temperature resistance.

Products

EcoPaXX® Q–HG6 PA410–GF30	EcoPaXX® Q–HG10 PA410–GF50	Stanyl® TW200F6 PA46–GF30
Stanyl® TW241F10 PA46–GF50	Stanyl® TW200F8 PA46–GF40	Stanyl® Diablo OCD2100 PA46–GF40
Xytron™ G4010T PPS–GF40	Akulon® Diablo HT–HG0 (PA66+PA6)–GF50	Akulon® Diablo HT–HG6 (PA66+PA6)–GF30

Speciality products

Xytron™

Application solutions

Envalior
Imagine the Future

Charge Air Cooler Caps

Automotive | Engine | Cooling / Thermal management