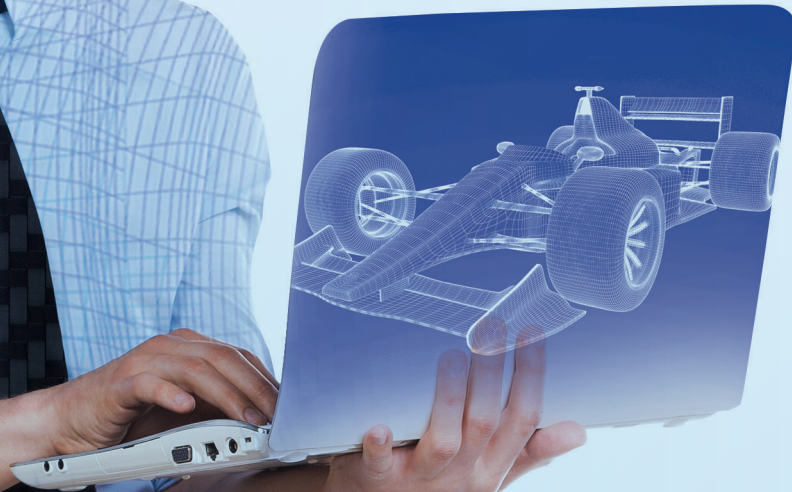


Ground Breaking Composite Cores

Design Inspiration
Process Improvement

ZOTEK® N

ZOTEK® F



ZOTEFOAMS

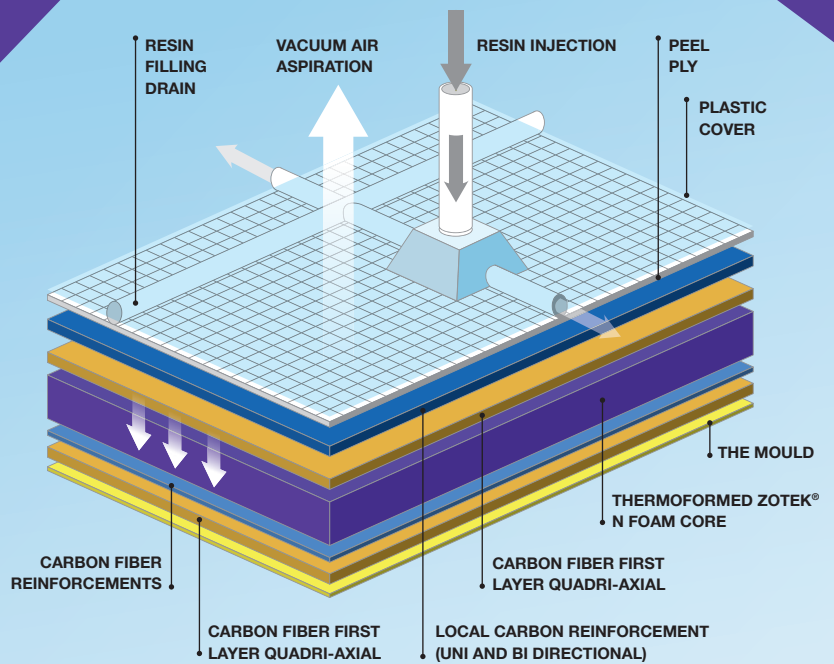
ZOTEK® N

High Temperature

up to 205°C allows higher processing/manufacturing conditions, resulting in reduced cycle time.



Vacuum Infusion Process



Unrivalled Versatility

Zotefoams offers a range of versatile, high performance semi-structural foamed polymers.

These ultra-lightweight technical foams offer a wealth of potential product and process innovation opportunities to composite designers and process engineers.

The unique suite of benefits delivered by the Zotefoams process includes reduced resin and adhesive usage, low VOCs, high ductility, thermal bonding and easy processing through all standard techniques including thermo forming. These benefits offer the potential for faster, more efficient production as well as lighter, stronger materials.

ZOTEK® F

Flammability Performance

meets all aviation flammability requirements. ZOTEK® F also meets BMS 8-371D & AIMS04-14-009 and possesses great hydrocarbon and acid resistance.



The ZOTEK® Composite Process Premium

ZOTEK® N

ZOTEK® F



ROBUST
EDGES



DUCTILE



THERMO-
FORMABLE



VACUUM
FORMABLE



HEAT
STABLE



HIGH QUALITY
SURFACE
FINISH



REDUCED
ADHESIVE
UPTAKE



REDUCED
RESIN UPTAKE



THERMAL
BONDING



STITCHABLE



SPLITABLE



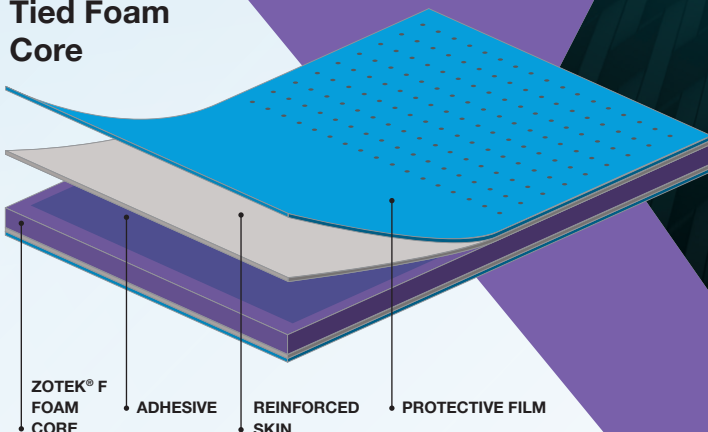
LASER
CUTTING



WATER JET
CUTTING

In addition to these process derived benefits, material and product designers are embracing the opportunity to create ground breaking materials with a range of intriguing and novel properties.

Tied Foam Core



The ZOTEK® Composite Design Premium

ZOTEK® N



UP TO 205°C
TOLERANT



PRICE
COMPETITIVE



ESTABLISHED
AUTOMOTIVE POLYMER



AUTOMOTIVE
REGULATORY
APPROVALS



LIGHTWEIGHT



DURABLE



HYDROCARBON
RESISTANT



COLD RESISTANT



HEAT RESISTANT



LOW ODOUR
& VOCs



IMPACT
RESISTANT



CHEMICAL
RESISTANT



THERMAL
INSULATION



BUOYANT



CONSISTENT CELL
SIZE & STRUCTURE

ZOTEK® F



HYDROPHOBIC



MOULD
RESISTANT



UV RESISTANT



AVIATION
OEM APPROVALS



FLAME
RETARDANT



NUCLEAR
RADIATION RESISTANT



AVIATION
REGULATORY
APPROVALS



RESISTANT TO AGING



ZOTEFOAMS

For more information

ZOTEFOAMS plc

675 Mitcham Road
Croydon CR9 3AL United Kingdom
Tel: +44 (0) 20 8664 1600
Fax: +44 (0) 20 8664 1616
Email: zotek@zotefoams.com

ZOTEFOAMS, inc

55 Precision Drive
Walton Kentucky 41094 USA
Tel: +1 859 371 4046 FREE: (800) 362-8358 (US Only)
Fax: +1 859 371 4734
Email: custserv@zotefoams.com

Visit our website www.zotefoams.com



LinkedIn

ZOTEK® is a registered trademark of Zotefoams plc

Version No N&F080915
Copyright © 2015 Zotefoams plc