

VIK-COMPOSITE

CONSUMABLES & ADVANCED SOLUTIONS

WELDED BY PRACTICE REINFORCED BY COMPOSITES

Family-owned and trusted since 2008, VIK-COMPOSITE has deep roots in the metal and composite industries

Building on expertise in both metalwork and composite engineering, we evolved from small-scale vacuum assemblies into a comprehensive composite production partner – developing vacuum systems and process consumables for aerospace, automotive and industrial composite manufacturers.

Our dual expertise in hands-on metal and composite engineering enables us to deliver integrated solutions to optimize your entire manufacturing workflow

CONSUMABLES

for Aerospace, Automotive, Marine, Wind Energy, R&D, Glass Industry, and Master Model applications

STRONG FOCUS ON AEROSPACE INDUSTRY

materials trusted and approved by aerospace customers worldwide certified to Aerospace Standard EN 9100:2018

NEARLY 20 YEARS INDUSTRY EXPERIENCE

deep material application knowledge

STRATEGIC PARTNERSHIPS
WITH EQUIPMENT MANUFACTURERS
autoclave & oven curing, injection,
laser projection systems

GERMAN
INDUSTRIAL
EXPERTISE

YOUR NEW
SINGLE
SOURCE
SUPPLIER

TWO INDUSTRIES. ONE TEAM. NO DELAYS

It's not just consumables – we design complete vacuum workflows – from mobile vacuum systems to process materials, that work perfectly together

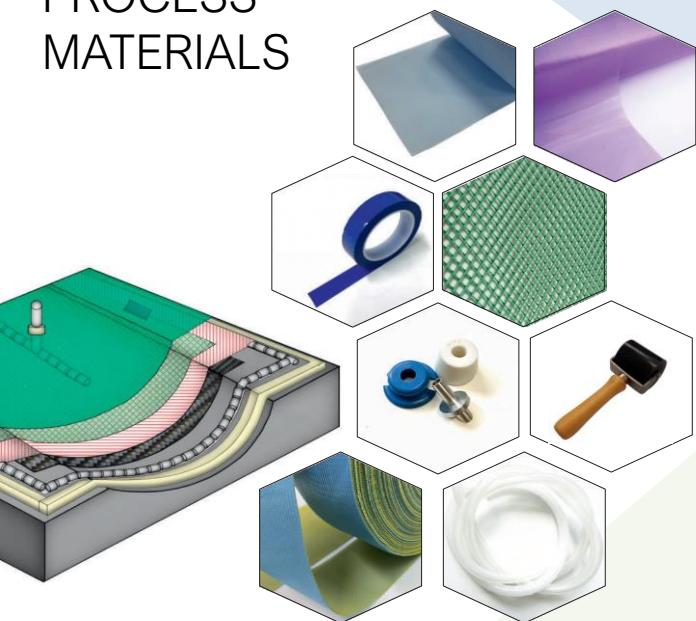


MORE THAN 1.000.000m²
ADVANCED MATERIALS DELIVERED WORLDWIDE IN 2025

OVER 2.500m²
NEW
PRODUCTION
FACILITIES
BUILT IN 2025

FROM LAYUP TO CURE WE COVER YOUR COMPLETE WORKFLOW

RESIN INFUSION PROCESS MATERIALS

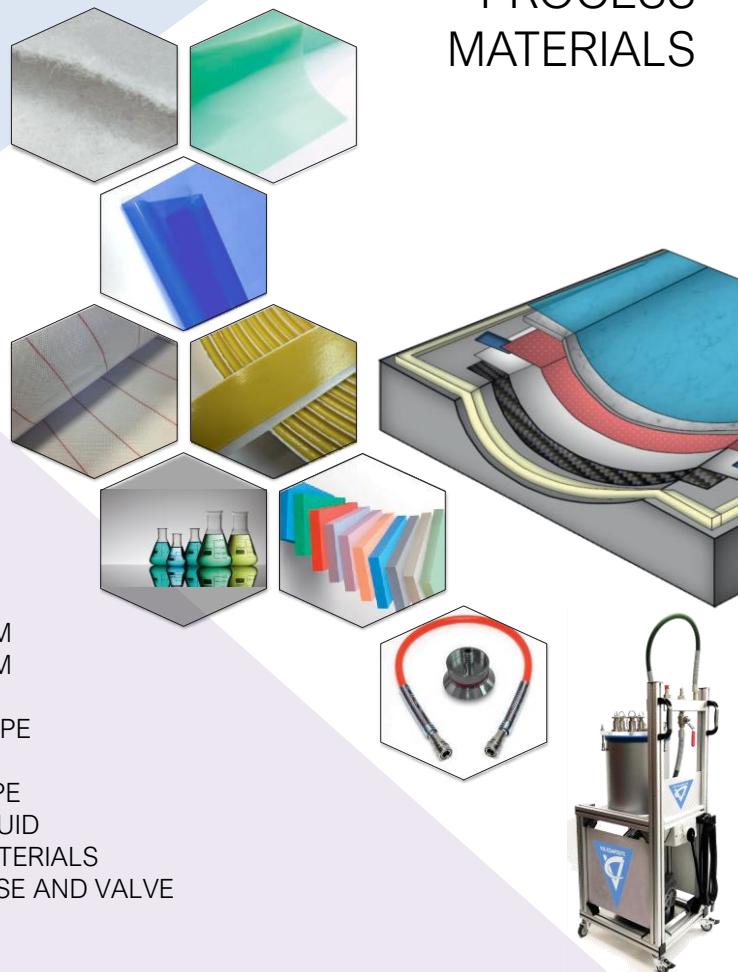


VACUUM FILM
ADHESIVE TAPE
PEEL PLY
SEALANT TAPE
DISTRIBUTION MESH

VACUUM AND RESIN
COMMUNICATIONS



AUTOCLAVE PROCESS MATERIALS



VACUUM FILMS	RELEASE FILMS	SELF-RELEASING FILMS	PEEL PLIES
<p>COEXTRUDED / MULTILAYER, NYLON, PTFE, POLYIMIDE</p> <p>SHT / sheeting, CF / centerfold, LFT / lay flat tubing</p> <p>LGT / lay-gusseted tubing</p> <p>LGS / lay-gusseted slit</p> <p>Elongation: 50% till 670%</p> <p>Possible treatment: embossing – film for debulking applications</p> <p>Temperature: room till 400°C</p> <p>Sizes: 0,05m tube till 16m open size</p>	<p>POLYOLEFIN, T= 125°C/ 157°C</p> <p>PMP, T= 200°C</p> <p>ETFE, T= 230°C</p> <p>FEP, T= 260°C</p> <p>PFTE, T= 316°C</p> <p>Polyimide, T = 400°C</p> <p>Thickness: 12µm till 50 µm</p> <p>Elongation: 85% till 800%</p> <p>Perforations: 15 perforations</p> <p>Hole diameter: 90 µm to 1143 µm</p> <p>Open area: from 0,0003% till 3,45%</p>	<p>MULTILAYER</p> <p>Usage: as vacuum / release bag manufacturing of hollow parts</p> <p>Thickness: 30µm till 100 µm</p> <p>Elongation: 410% till 670%</p> <p>Chemical compatibility: polyester / vinyl ester / epoxy / phenolic resins</p>	<p>POLYESTER / POLYAMIDE with / without release coating treatment</p> <p>Surface weight: 60 g/m² till 139 g/m²</p> <p>Maximum width: up to 1800mm</p> <p>Cutting service: narrow rolls (min. 100mm)</p> <p>Thermoset treatment of fabric to avoid shrinking</p>

SEALANT TAPES	ADHESIVE TAPES	TOOLING RELEASE	BREATHER / BLEEDER
<p>Synthetic polymer butyl based</p> <p>Synthetic rubber</p> <p>Silicone based for high temperature</p> <p>Temperature: room till 399°C</p>	<p>One side and both sides coated</p> <p>Purpose: Holding / fixing Masking Protection Release</p> <p>Carrier: PTFE / POLYESTER / CLOTH / POLYIMIDE</p> <p>Adhesive: RUBBER / SILICONE / ACRYLIC</p> <p>Temperature: room up to 400°C</p> <p>Plastic cores</p>	<p>Semipermanent release properties on surface of tooling, mandrels, molds</p> <p>Carrier: PTFE Glass / PTFE</p> <p>Adhesive: SILICONE / ACRYLIC</p> <p>With / without liner Width up to 1000mm</p>	<p>POLYESTER: T =205°C POLYAMIDE: T =230°C GLASS: T = 427°C</p> <p>Weight: 100 g/m² up to 600g/m²</p> <p>Temperature: room up to 400°C Standard width 1500mm</p> <p>At request: width up to 3400mm Cutting service for master rolls (min. 50mm)</p>
RELEASE FABRICS			
<p>With PTFE coated glass</p> <p>Porous and non-porous coating</p> <p>Thickness: 50µm up to 150µm</p> <p>% of PTFE coating: 29% up to 68%</p> <p>Woven glass or mesh</p> <p>Teflon coated glass cloth open grid</p>			

CONSUMABLES RANGE

RESIN INFUSION MATERIALS	TOOLING BORDS	CLEANERS, SEALERS, RELEASE AGENTS	ADVANCED
SPRAY ADHESIVES positioning of carbon, glass, Kevlar, foams, fabrics in infusion, RTM, prepreg, RFI, using polyester, vinyl-ester, and epoxy resins	MASTER MODEL BOARDS & ADHESIVES for modeling, tooling, vacuum forming, laminating, fixtures Polyurethane / epoxy	Multipurpose Specially designed for mould release Semi-permanent and permanent Solvent, water and wax based Max T° up to 450°C	CARBON & GLASS FIBER RESIN & HARDENERS STRUCTURAL ADHESIVES
FOR VACUUM / RESIN LINES Tubes, spirals, connectors, fittings, inlets, combi solutions and distribution media Max T° up to 260°C	Density: up to 1,27 g/cm ³ Temperature resistance: up to 170°C		
MATERIALS HDPE / PP / PA / PE / PO			

VACUUM HOSES	QUICK CONNECTORS	VACUUM VALVES	VACUUM TRAPS / UNITS / TOOLS
With inner steel spring: - not assembled - assembled with end fittings: 1/4" male BSP / NTP - assembled with QRS sockets for super high temperature process with welded end fittings MATERIAL: silicone / reinforced with glass or aramid / fully stainless steel design PRESURE: up to 10, 22 and over 25Bar Max. T°C: 232°C up to 400°C	QRC SOCKETS / PLUGS MATERIAL: stainless steel carbon steel galvanized steel THREAD: 1/4" female BSP / NPT 3/8" cone, 1/4" cone male Max. T: 232°C up to 400°C	Two-piece twist lock design Two-piece self-cutting design Solid body design MATERIAL: stainless steel / aluminum SEAL: Viton / Silicon rubber / Teflon 315° C SIZE: 2 inch / 3 inch Max. T°C: 232°C up to 400°C	- used as degassing stations - for vacuum leak tests - creating vacuum for debulking operations - as vacuum source by infusion of resin into the laminate - specifically designed to prevent contamination by resin - Vacuum leak detectors - Cutting tools