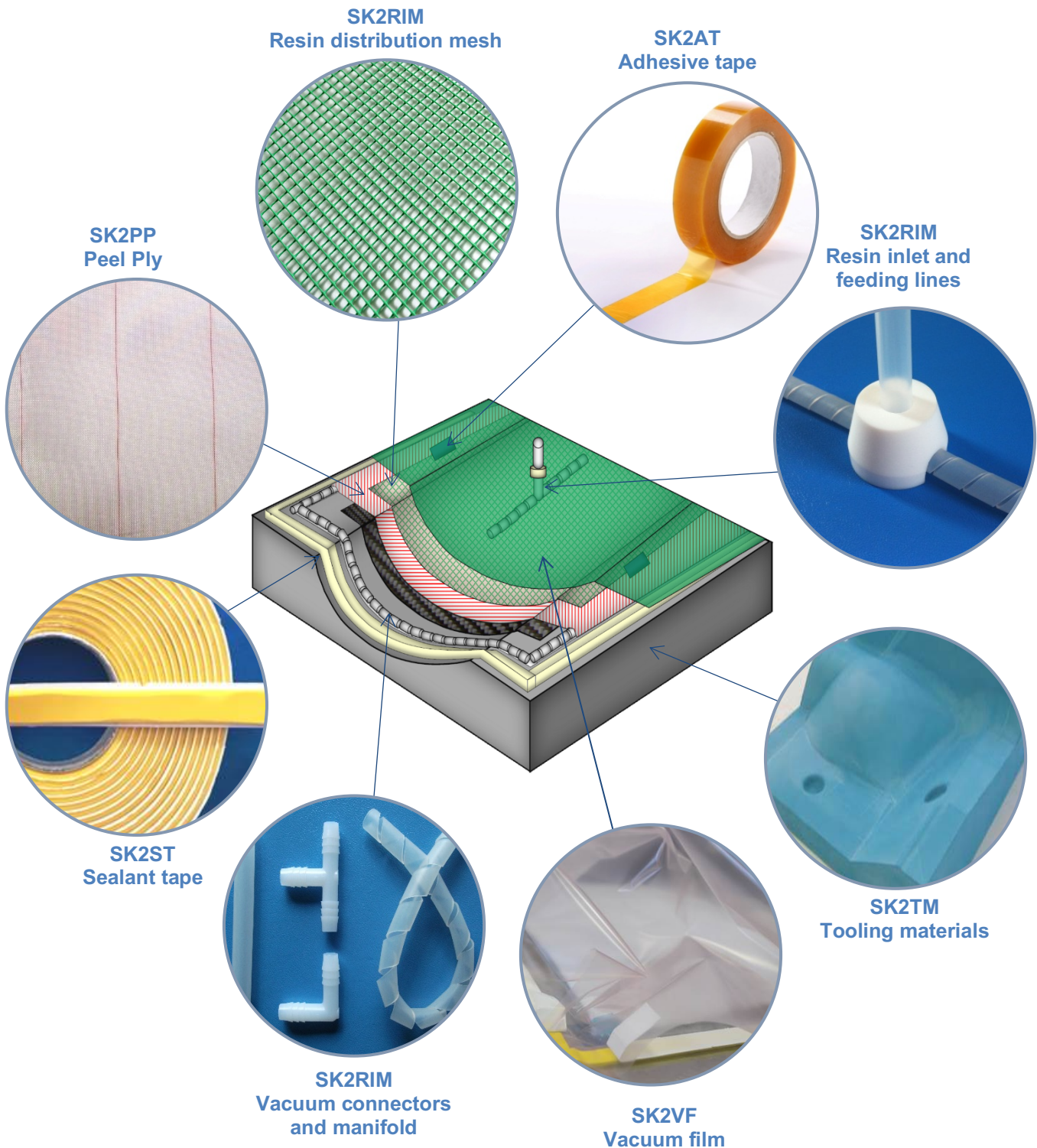
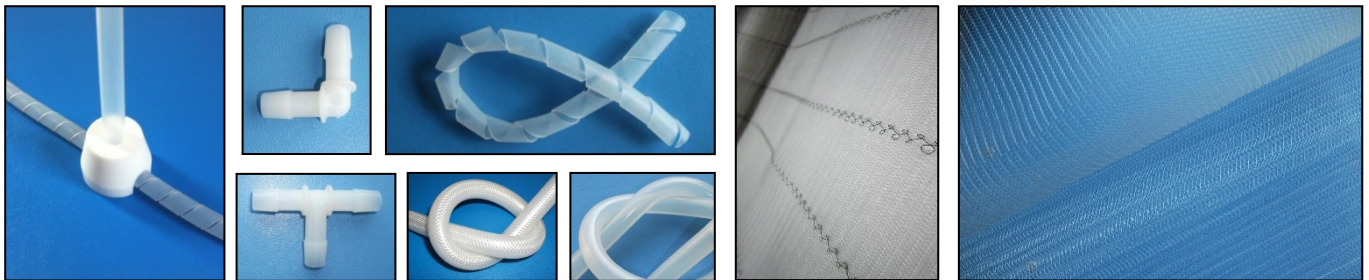
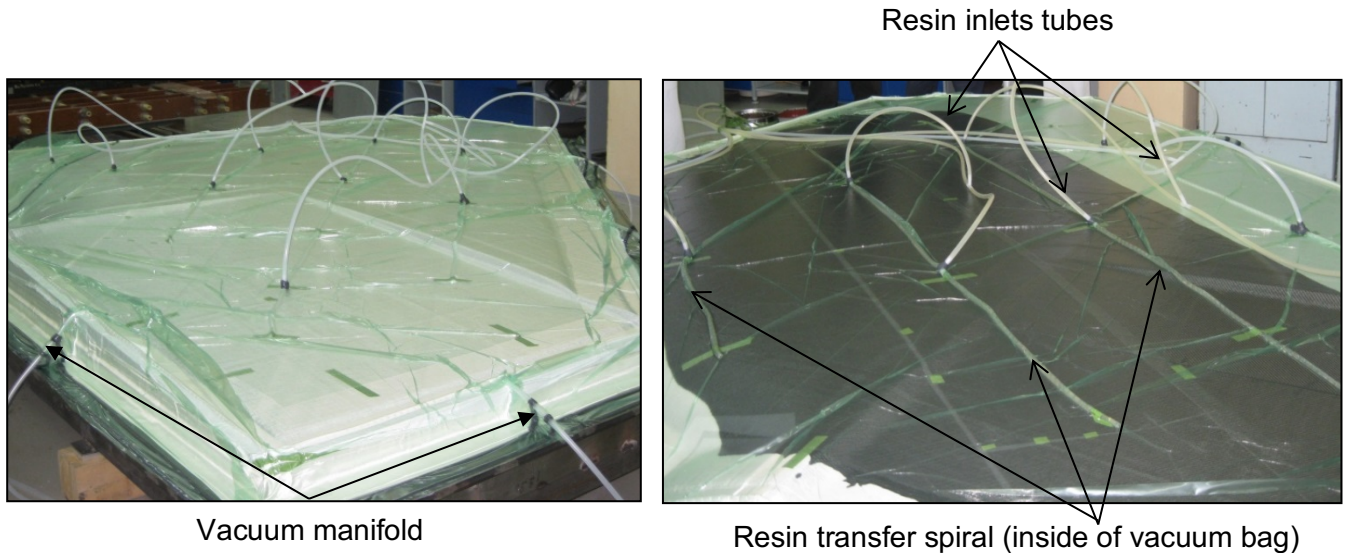


Product selection guide

Typical resin infusion at RT

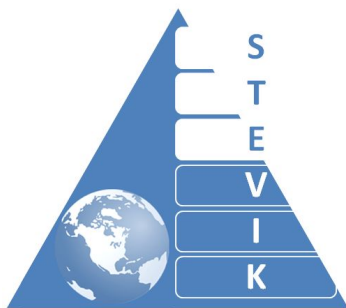
► Typical bagging schema of Resin Infusion Process at room temperature





► Typical product selection for resin infusion by room temperature

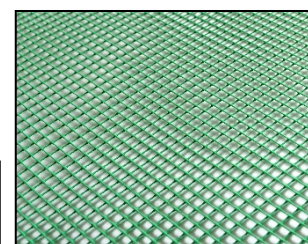
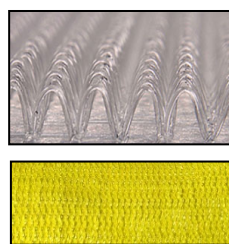
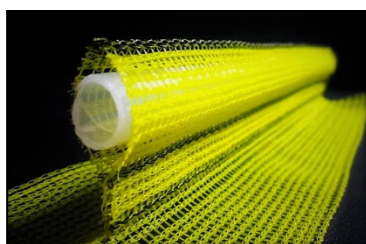
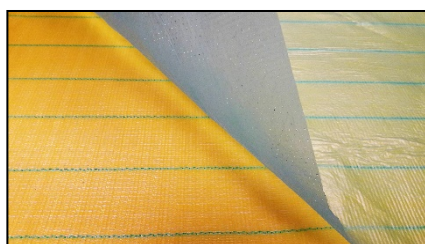
Product	References	Description
Vacuum film	SK2VF120-1	Multilayer nylon vacuum film, green, max. T =120°C, elongation 460%, thickness 75 and 80 мкм, width till 16m
	SK2VF170-1	Soft nylon vacuum film, green/pink, max. T =180°C, elongation 380%, 50 and 75 μm, width till 4,6m
	SK2VF170-2	Multilayer nylon film, Colour: yellow/blue, Max. T =177°C, elongation 400%, Thickness: 50 & 70μm, width till 12 m
	SK2VF180-1	Nylon vacuum film, clear, Max. T =180°C, elongation 380%, 50 and 75 μm till 4,6 m
Sealant tape	SK2ST120-1	Sealant tape, black, Max. T =120°C, 3mm x 12mm
	SK2ST130-1	Sealant tape, grey, Max. T =130°C, 3mm x 12mm
	SK2ST205-2	Sealant tape, grey, Max. T =205°C, 3mm x 12mm
	SK2ST200-1	Sealant tape, yellow, T=200°C, 3mm x 12mm

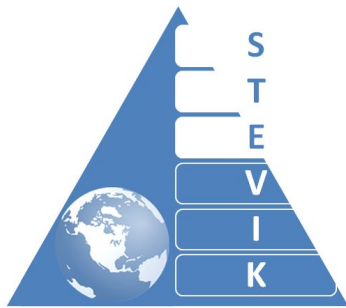


Product selection guide

Typical resin infusion at RT

Peel ply	SK2PP170-1	Polyamide peel ply, white with black stripes, T=190°C, 85g/m ² , max. 1,80m width
	SK2PP230-2	Polyamide peel ply, white or yellow, with silicone coating, T=230°C, 60g/m ² , max. 1,52m width
Resin distribution mesh	SK2RIM90-5,-6, -7, -8, -9	Woven resin distribution mesh, black T=90°C, 105-180 g/m ² , width 2m
	SK2RIM120-1	Extruded mesh, green, T=150°C, 100g/m ² , width 1,21m
	SK2RIM115-1	Woven mesh, yellow, T=115°C, 165g/m ² , width 1,25m / 2,50m
Tube mesh	SK2RIM125-1	Sewed tubular mesh, yellow, T=125°C, for tube till o.d. 13mm 50 l.m. roll
Combined product	SK2COM115-1	Combined product, made of yellow flow mesh SK2RIM115-1/ blue polyolefin release film SK2RF120-1 with perforation PK, T=115 °C
Double coated adhesive tape	SK2AT60-1	Double coated adhesive tape, white, Max. T=60°C, 271 µm x 25mm x 33m
Spiral wrap	SK2RIM90-1	Spiral wrap, white, PET, Max. T=90°C, available Ø inside 8 and 10 mm
Tube PE	SK2RIM90-2	Tube, PET, white, T=90°C, available Ø inside 8 and 10 mm
L-fitting	SK2RIM90-3	L-fitting , white, T=90°C, available Ø outside 8 and 10 mm
T-fitting	SK2RIM90-4	T-fitting , white, T=90°C, available Ø outside 8 and 10 mm
Omega profile feeding line	SK2RIM260-10	Silicone omega flow lines for resin inlet, T=260°C, white, inside Ø= 12mm, 15lm in roll
Adhesive Tapes	SK2AT205-1, 2, 3, 4	All purpose pressure sensitive tape, blue, T=205°C, adhesive: silicone, carrier type: polyester, different widths and adhesive thickness available
Resin infusion connector	SK2RIM000-4	PE, T=90°C for spiral Ø= 12mm and inlet tube Ø=12-13mm
Resin distribution tape	SK2RIM180-2	Tape, polyester, white, T=180°C, 20mm x 25m
Vacuum manifold	MTI® hose	Tube in permeable casing



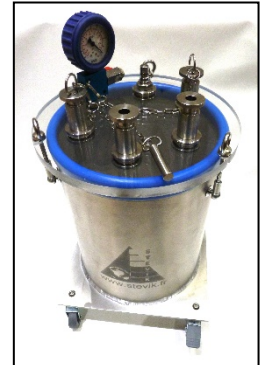


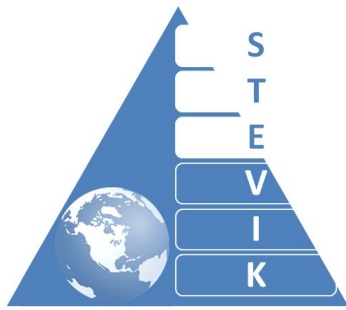
Product selection guide

Typical resin infusion at RT

Tools and Miscellaneous for resin infusion

Product	References	Description
Resin line clamp	SK2RIM000-1	Resin clamp for resin feed line metal
Resin line clamping device	Squeeze®	Tube clip for control and stop of each resin line separately. Max. Diameter of pinched tube: 15mm
	Squeezer®	Tube clip for control and stop of each resin line separately. Max. Diameter of pinched tube: 25mm
Adhesive spray	AIRVIK-5	Spray for temporary bonding in resin infusion process, 500ml can, blue
Resin traps	SK3VAC-5L	Vacuum trap for resin 5L
	SK3VAC-15L	Vacuum trap for resin 15L
Mobile vacuum system	SK1MOVAC-1, 2	Vacuum system on the mobile platform with 1 (or 2) vacuum pump 18 m ³ /h (or 28m ³ /h), 1 (or 2) vacuum trap of 14,7l volume with full view cover, adjustable vacuum level, 3 quick disconnection plugs, 3 clamping fittings for the tube with external diameter 12mm to connect resin channels.





Product selection guide

Typical resin infusion at RT

Tools preparation and release

Product	References	Description
Tool cleaner	SK2TR000-1	Cleaner for the removal of silicone, sealing compounds and release agents rests.
	SK2TR000-2	Universal cleaner for composite, steel and aluminium moulds
Product	References	Description
Sealer for model-master and tooling	SK2TR450-1	Modelmaster sealer / primer for porous surfaces to seal them with a high gloss finish
	SK2TR450-2	Mould sealer for new or freshly cleaned mould surfaces (for treatment before use SK2TR450-5)
Release agents	SK2TR450-5	Semi-permanent, solvent-based mould release agent with high level of slipping, multipropose
	SK2TR450-7	Semi-permanent, solvent-based mould release agent with high level of slipping, multipropose, fast curing
	SK2TR450-8	Water based semi-permanent release agent, no sealing necessary, fast drying

