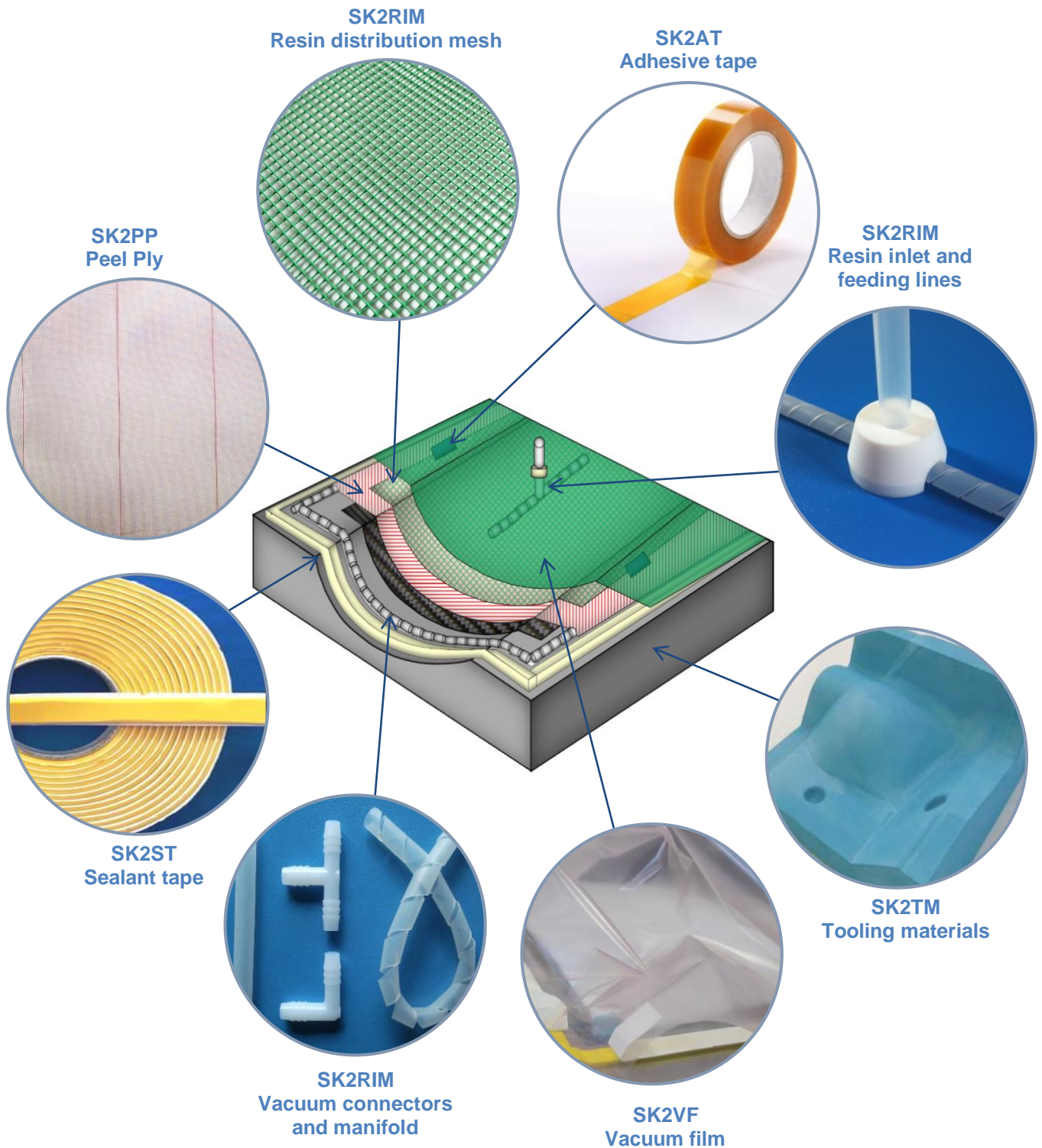




PRODUCT SELECTION GUIDE

HIGH TEMPERATURE RESIN INFUSION UP TO 180 °C

► Typical bagging schema of Resin Infusion Process

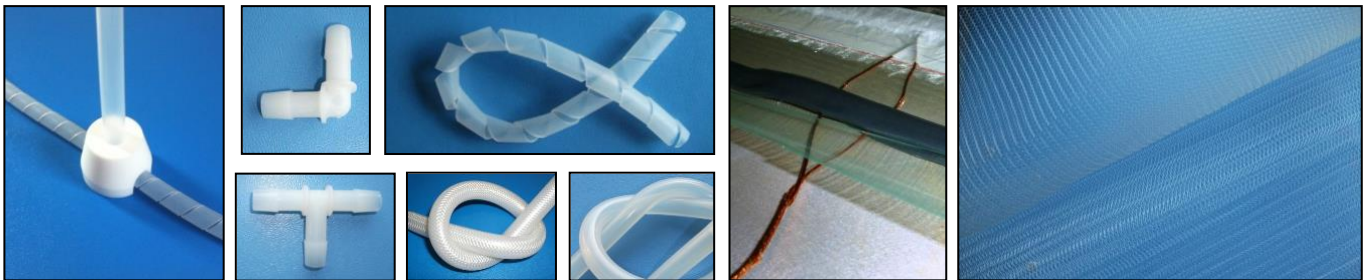
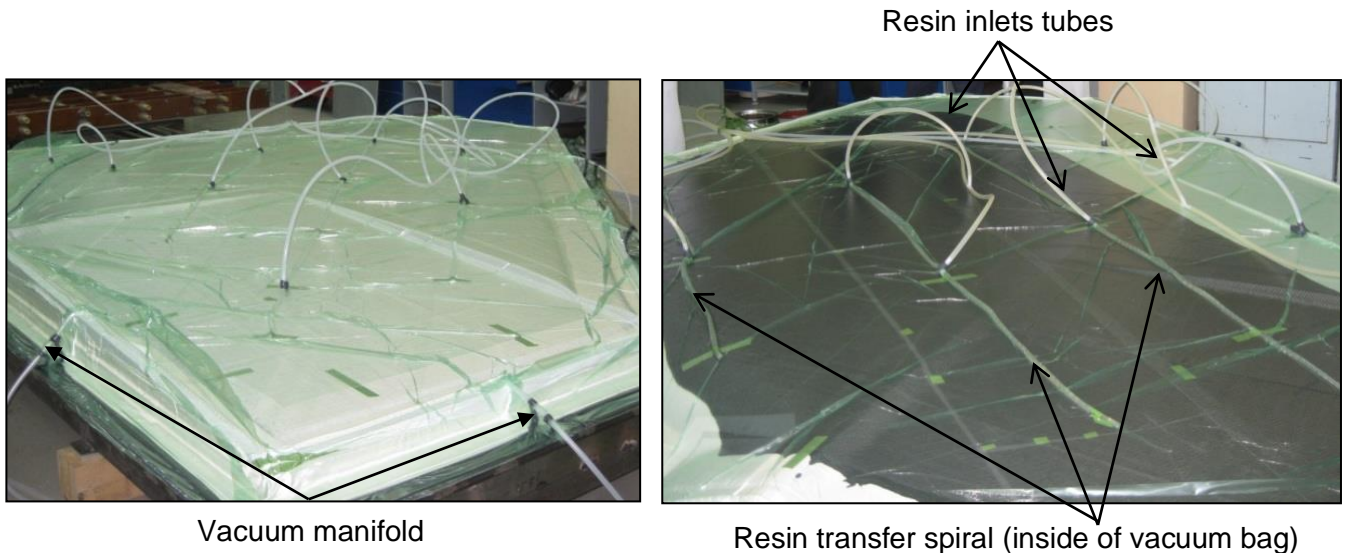


It remains responsibility of the user to verify that this product meets the requirement of the process applied.



PRODUCT SELECTION GUIDE

HIGH TEMPERATURE RESIN INFUSION UP TO 180 °C



► Typical product selection for resin infusion by $\leq 180^{\circ}\text{C}$

Product	References	Description
Vacuum film	SK2VF180-1	Nylon film, Colour: transparent, Max. T =200°C, elongation 380%, Thickness: 50 & 75µm, width till 4,8m
	SK2VF200-1	Soft nylon vacuum film, green, Max. T =200°C, elongation 450%, 50 and 75 µm, width till 8 m
	SK2VF205-1	Nylon vacuum film, green, Max. T =205°C, elongation 400%, 50 and 75 µm, width till 3,56m
Sealant tape	SK2ST180-1	Multifunctional sealant tape, white/black/orange, Max. T=180°C, 3 mm x 12mm
	SK2ST200-1	Sealant tape, yellow, Max. T =200°C, 3mm x 12mm
	SK2ST205-2	Sealant tape, grey, Max. T =205°C, 3mm x 12mm
Peel ply	SK2PP200-3	Polyester peel ply, white with blue strips, Max. T=200°C, 90g/m ² , 1,80m max. width. Possible to cut in needed width.



PRODUCT SELECTION GUIDE

HIGH TEMPERATURE RESIN INFUSION UP TO 180 °C

	SK2PP220-1	Polyamide peel ply, white with red stripes, max. T=220°C, 85g/m ² , 1,80m max. width. Possible to cut in needed width.
	SK2PP230-2	Polyamide peel ply, light blue, with silicone coating, T=230°C, 60g/m ² , 1,52m max. width. Possible to cut in needed width.
Resin distribution mesh	SKRIM180-11	Extruded distribution mesh, white, Max. T=180°C, 160g/m ² , width 1,00 m.
	SK2RIM180-1	Soft woven distribution mesh, white, Max. T=180°C, 100g/m ² , width 1,20m / 2,40m
	SK2RIM180-6	Rigid woven distribution mesh, white, Max. T=180°C, 105g/m ² , width 1,25m / 2,50m
Double coated adhesive tape	SK2AT200-1	Double coated adhesive tape, white, T=200°C, 210 µm x 25mm/50mm x 50m
	SK2AT200-3	Double coated adhesive tape, white, protection liner white, T=200°C, adhesive type: acrylic, carrier type: polyester, 95 µm x 25/ 50mm x 33m
Spiral wrap for high temperature resin infusion	SK2RIM175-1	Spiral wrap, white, polyamide, Max. T=175-180°C, Ø inside 9 x outside 11 mm
Tube Silicone	SK2RIM260-1	Tube, Silicone, white, T=260°C, Ø inside 7 x outside 13 mm, other sizes are available
	SK2RIM260-5	Unreinforced hard silicone tube, inside Ø=7mm, outside Ø=15mm, other sizes are available
L-fitting for high temperature resin infusion	SK2RIM180-3	L-fitting, polyamide, white, T=180°C, 8mm x 8mm, other sizes are available
T-fitting for high temperature resin infusion	SK2RIM180-4	T-fitting, polyamide, white, T=180°C, 8mm x 8mm x 8mm. other sizes are available
I-fittings for high temperature resin infusion	SK2RIM180-5	I-fitting, polyamide, white, T=180°C, 8mm x 8mm, other sizes are available
X- Fitting for high temperature resin infusion	SK2RIM180-9	X-fitting, polyamide, white, T=180°C, 8mm x 8mm x 8mm
Barb coupling adapter fittings	SK2RIM180-10	Passage from internal Ø 12mm to internal Ø 8mm
Omega profile feeding line	SK2RIM260-10	Silicone omega flow lines for resin inlet, T=260°C, white, inside Ø= 8mm, 15lm in roll, other sizes are available
Adhesive Tape	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 connectors / adapters	SK2RIM000-3	PA, T=180°C for spiral Ø= 12mm and inlet tube Ø=12-13mm or with flat base
	SK2RIM000-2	PTFE, T=260°C RIC: for spiral Ø= 12mm and inlet tube Ø=12-13mm or RICF: with flat base
	SK2RIM000-8	Resin Infusion Adapter for connection of tube with internal Ø=8-10 mm
Resin distribution tape	SK2RIM180-2	Tape, polyester, white, T=180°C, 20mm x 25m

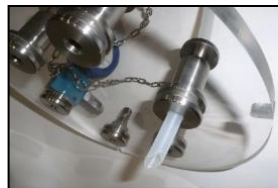


PRODUCT SELECTION GUIDE

HIGH TEMPERATURE RESIN INFUSION UP TO 180 °C

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	Squeezee®	Tube clip for control and stop of each resin line separately. Max. Diameter of pinched tube: 15mm
	Squeezzer®	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
	SK3VAC-53L	Industrial vacuum trap for resin 53L
Mobile vacuum system	SK1MOVAC-1, 2	Vacuum system on the mobile platform with 1 (or 2) vacuum pump 18 m³/h (or 28m³/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

HIGH TEMPERATURE RESIN INFUSION UP TO 180 °C

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, multipurpose
	SK2TR450-7	Semi-permanent, solvent-based mould release agent with high level of slipping, multipurpose, fast curing
	SK2TR450-8	Water based semi-permanent release agent, no sealing necessary, fast drying