

Scapa Tape Solutions for Composite Manufacturing

Scapa tapes can be used in various applications in manufacturing processes that involve the use of composite materials:

- Secure materials within vacuum bags
- Commonly used in vacuum bagging, resin infusion and prepreg processes for holding bagging consumables in position, joining temporary barriers, masking molds, taping flash lines on molds and providing an instant, temporary release surface on any material
- Flash and clean removal on composite and metal parts
- Masking and holding tools, forms, and parts for metal or composite bonding

	PRODUCT CODE	ADHESIVE TYPE	CARRIER	CARRIER THICKNESS (µm)	TOTAL THICKNESS (µm)	COLOUR	OPERATING TEMPERATURE (°C) (CONTINUOUS)	OPERATING TEMPERATURE (°C) (SHORT TERM)	ELONGATION AT BREAK (%)	ADHESION TO STEEL (N/CM)	SPECIAL FEATURES
Masking Tape	9100S	Rubber	Paper		130	Cream	100	120	7	2.5	- Resistant to chemicals; emulsion and solvent - Flexible and conformable - Moderate tack, good peel adhesion
	9130S	Rubber	Paper		160	Cream	120	120	9	2.3	- Resistant to chemicals; emulsion and solvent - Flexible and conformable - Good peel adhesion and shear strength
	2595	Silicone	Paper		150	Buff	180	200	13	3.2	- Resistant to chemicals, emulsion and solvent - Flexible and conformable - Excellent adhesion to a wide variety of substrates - Wide operating temperature range up to 180°C (200°C short term)
Single Sided (Flash Tape)	1601	Silicone	PET	23	68	Blue	130	180	50	3.2	- Control bond lines. - Make removal of resin flash easier, reducing clean up. - Fix position of consumable materials to avoid process errors and improve part quality. - Conformability to irregular surfaces.
	1629	Silicone	PET	50	85	Green	180	220	100	2.5	- Excellent adhesion and easy removal after cure. - Resists abrasions when used against rough surfaces.
	1801	Silicone	Kapton®	25	60	Amber	180	400	60	2.5	- High temperature resistance
	C574NS	Rubber	PET	25	50	Light Green	130	170	90	2.2	- Can be used where silicone adhesives are prohibited to reduce contamination risk - Conformability to irregular surfaces
	815	Rubber	Nylon	50	81	Yellow	277		>350	4.7	- Can be used where silicone adhesives are prohibited to reduce contamination risk.
Double Sided	174	Rubber	Cloth		318	White	70			6	- Can be used where silicone adhesives are prohibited to reduce contamination risk. - Heavy duty tape provides strong hold for difficult items such as infusion spiral manifolds. - Fix position of materials to avoid process errors and improve part quality.
	SG357E	Acrylic	PET	13	89	Clear	120			5	- Fixes position of consumable materials - Holds layered materials in place

Helping to improve composite manufacturing processes everyday.



Contact us for more information or to place your order.



Looking for solutions beyond tapes? Scapa is part of SWM International. Ask us about our engineered composite materials.