Injectex® Fabrics and HexFlow® Matrix **Selector Guide**

Resin Transfer Moulding is a composite manufacturing method that allows high quality components to be produced without autoclaves. Large and complex parts can be achieved allowing a higher degree of part integration, with consequent reduction of assembly costs.

Injectex® Fabrics

product data

Weight gsm	Style	Weave	Weight rate Warp	Weft	Fibre count Ch-Wp yarns/cm	Tr-Wt picks/cm	Reinforcement yarn Warp	Weft	Standard Width cm	Thickness mm	Powdering
CARBON FABRICS											
205	**GB201**	PLAIN	50	50	4.7	4.7	3K HS	3K HS	107	0.2	X
630	**G1151**	FORMABLE	50	50	7.4	7.4	6K HS	6K HS	100	0.6	X

HexFlow® Matrix

product data

	Monocomponent	Dry Tg	Service Temperature	Other Matrix Compatibility	Injection Windows	Viscosity
EPOXY						
RTM 6	X	196°C (385°F)	-60°C UP TO 180°C (-75F° UP TO 350°F)	YES (EPOXY)	UP TO 150 MIN AT 80°C (176°F)	≤ 100 mPa.s AT INJECTION DWELL
BMI						
RTM 651	X	285°C (545°F)	UP TO 232°C (UP TO 450°F)	YES (BMI)	UP TO 120MIN AT 110°C (230°F)	≤ 120 mPa.s AT INJECTION WINDOW DWELL

For more information, please contact your nearest sales office, or visit our website at **www.hexcel.com**

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