

INNOVATION DRIVES US EXCELLENCE INSPIRES US

CARBON FIBER TECHNICAL DATA SHEET

UNIDIRECTIONAL CARBON FIBER FABRIC RANGE

Fiber Quality	Weave Pattern	Ariel Weight	Filament Type	Dry Thickness
STANDARD MODULUS	UD - PLAIN	160 GSM	3K	0.17
STANDARD MODULUS	UD - PLAIN	200 GSM	3K	0.22
STANDARD MODULUS	UD - PLAIN	230 GSM	12K	0.25
STANDARD MODULUS	UD - PLAIN	300 GSM	12K	0.32
STANDARD MODULUS	UD - PLAIN	400 GSM	12K / 24K	0.43
STANDARD MODULUS	UD - PLAIN	430 GSM	12K / 24K	0.56
STANDARD MODULUS	UD - PLAIN	500 GSM	24K	0.64
STANDARD MODULUS	UD - PLAIN	600 GSM	24K	0.98
STANDARD MODULUS	UD - PLAIN	900 GSM	24K	1.30
STANDARD MODULUS	UD - PLAIN	630 GSM	24K	1.00
STANDARD MODULUS	UD - PLAIN	900 GSM	24K / 48K	1.50
STANDARD MODULUS	UD - PLAIN	1200 GSM	48K	2.00



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AN ISO 9001:2015 QMS, ISO 14001:2015 EMS
& ISO 45001 : 2018 OHSMS CERTIFIED COMPANY

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BIDIRECTIONAL CARBON FIBER FABRIC RANGE

Warp Yarn	Weft Yarn	GSM	EPC	PPC	Width in mm	Weave
3K HS	3K HS	160	4.00	4.00	1000	Plain
3K HS	3K HS	160	4.00	4.00	1000	2/2 Twill
3K HS	3K HS	160	4.70	4.70	1000	4 HS
3K HS	3K HS	200	4.90	4.90	1270	Plain
3K HS	3K HS	200	4.90	4.90	1270	2/2 Twill
3K HS	3K HS	200	5.00	5.00	1250	4 HS
3K HS	3K HS	285	7.00	7.00	1000	2X2 Twill
6K HS	6K HS	280	3.50	3.50	1200	Plain
6K HS	6K HS	280	3.50	3.50	1200	2/2 Twill
6K HS	6K HS	300	3.70	3.70	1250	4 HS
12K HS	12K HS	410	2.50	2.50	1000	Plain
12K HS	12K HS	420	2.60	2.60	1250	2/2 Twill
12K HS	12K HS	600	3.70	3.70	1270	2/2 Twill
12K HS	12K HS	630	3.90	3.90	1270	2/2 Twill
24K HS	24K HS	800	2.50	2.50	1270	2/2 Twill
24K HS	24K HS	995	3.00	3.00	1270	2/2 Twill



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