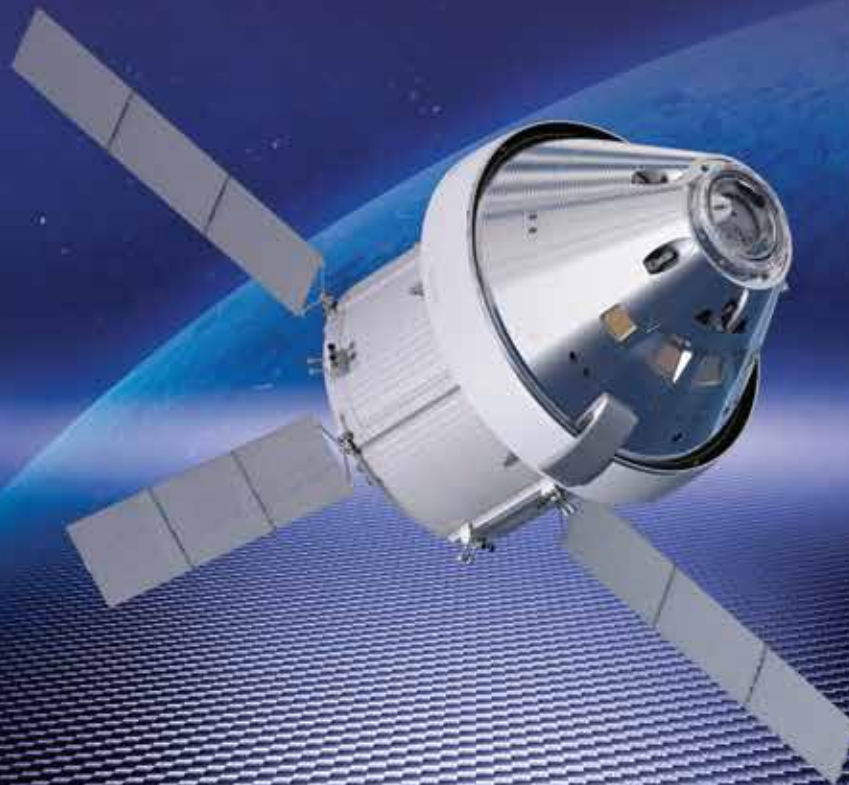




**FABRIC
DEVELOPMENT
INC.**

***Fabric Development, Inc (FDI)
Quartz Fabrics***





FABRIC DEVELOPMENT INC.

- *FDI has supplied quartz fabrics as an approved or qualified supplier for numerous military and commercial platforms since 1972*
- *Qualified source of supply for applications including:*
 - *Insulation fabrics*
 - *Radomes*
 - *Antenna Systems*
- *Standard industry styles per the table below*
- *Capable of producing custom made fabric styles and dimensions*
- *Standard fabric widths of 30 – 60 inches*
- *Capable of providing Quartz tapes or ribbons as narrow as 0.25 – 5 inches wide*
- *AS9100 / ISO 9001 Quality Assurance*

FDI Standard Quartz Fabric Styles											
Style#	Weave	Count		Warp Yarn	Fill Yarn	Weight		Thickness		Strength (lbf/in)	
		Warp	Fill			osy	gsm	mils	mm	Warp	Fill
503	Plain	50	40	QCG 300 1/2	QCG 300 1/2	3.58	128	5.0	0.13	155	140
507	Plain	27	25	QCG 300 1/2	QCG 300 1/2	2.10	71	4.0	0.10	80	60
525	Plain	50	50	QCG 300 1/0	QCG 300 1/0	2.00	68	3.0	0.08	65	65
527	Plain	42	32	QCG 300 2/2	QCG 300 2/2	6.10	206	8.0	0.20	270	250
531	8 HS	68	65	QCG 300 1/2	QCG 300 1/2	5.20	176	7.0	0.18	225	200
533	2x2 Twill	36	36	QCG 300 2/2	QCG 300 2/2	5.30	179	7.0	0.18	250	250
557	Crowfoot	57	31	QCG 300 2/2	QCG 300 1/0	5.00	169	6.0	0.15	410	55
570	5 HS	38	24	QCG 300 2/8	QCG 300 2/8	19.50	659	27.0	0.69	825	650
572	Plain	17	16	QCG 300 2/8	QCG 300 2/8	9.90	335	17.0	0.43	590	480
581	8 HS	57	54	QCG 300 2/2	QCG 300 2/2	8.60	291	10.0	0.25	400	375
591	Conform	57	54	QCG 300 2/2	QCG 300 2/2	8.45	286	12.0	0.30	420	350
593	5 HS	49	46	QCG 300 2/2	QCG 300 2/2	7.50	254	9.0	0.23	270	270
594	Leno	20	10	QCG 300 2/2	QCG 300 2/2	2.40	81	8.0	0.20	90	55
4503	Plain	40	31	QCK 125 1/0	QCK 125 1/0	3.38	114	5.0	0.13	115	100
4581	8 HS	47	44	QCK 125 2/0	QCK 125 2/0	8.45	286	10.0	0.25	370	330

