



TPP/THL OF CERTIFIED COMPOSITES

Thermal Liner	Moisture Barrier	PBI MAX® 7.0		KOMBAT™ FLEX		GEMINI™ XT		MILLENIA™ XT		ULTRA™		PIONEER™		ADVANCE™		ADVANCE™ PCA		ARMOR™ AP		ARMOR™ 7.0	
		THL	TPP	THL	TPP	THL	TPP	THL	TPP	THL	TPP	THL	TPP	THL	TPP	THL	TPP	THL	TPP	THL	TPP
GORE®PARALLON™		239.4	46	252.3	38.2	237.8	38.5	244.7	38.2	240.4	47.3	266.4	47.2	234	40	242.3	38.9	244.7	37.6	237.4	38.3
GLIDE™ w/ PBI® G2	CROSSTECH® BLACK	252.1	41.2	248.3	42.9	247	40.5														
	STEDAIR® GOLD	257.3	40	259.6	41	252.8	42.7														
QUANTUM 4i™	CROSSTECH® 3-LAYER			259.4	43.5																
	CROSSTECH® BLACK	240.7	39.4	261.8	41.9	248.9	41.7														
	STEDAIR® GOLD	230.3	37	237.3	40.3	236.7	41.7														
GLIDE™ GOLD 2-LAYER	GORE® RT7100	267.77	40.3			260.85	41.5	255.12	40.5	256.03	44.7	273	42.6	244.46	44.5	252.22	43	265.3	41.6	249.56	40.7
	STEDAIR® 3000	262	41.1	262.3	42.7	255.8	41.8	245.3	41.8	266.2	46.9	280.3	44.1	239.4	43.7	246.9	42.7	250.9	38.9	247.3	39.8
	CROSSTECH® 3-LAYER	263.79	42.2	260.3	45.6	266.59	42.6	251.48	43.2	263.34	45.6	270.3	44.9	246.41	46.5	257.46	42.7	260.1	39.6	239.8	44.8
	CROSSTECH® BLACK	275.72	41.9	268.3	41.8	249.46	39.6	257.73	39	262.84	42.6	285.2	41.6	252.82	42.4	258.32	38.5	262.4	39.4	262.36	40.6
	STEDAIR® GOLD	264.6	38.4	268.4	42.1	275	40.7			262.8	44.4	295.6	41.8	250.6	43.5	278.7	42.5	274.6	35.4	263	38.8
QUANTUM 3D™ SL2i	GORE® RT7100			253	41.3	254.88	43.8	247.93	42.3	249.42	45.3	258	44.1	242.7	44.9	248.03	44.7				
	STEDAIR® 3000	Quantum only available with TenCate shells		249.3	41.4	240	41.6	228.2	45.1	238.7	48.6	238.2	48.7	226.8	45.6	236.6	44.3	Quantum only available with TenCate shells		Quantum only available with TenCate shells	
	CROSSTECH® 3-LAYER			250.5	45.1	240.56	49.7	244.76	47.9	244.84	48.7	256.8	45.3	230.15	47.9	234.64	43.8				
	CROSSTECH® BLACK			255.7	44.5	233.19	45.8	240.83	42.7	245	45.4	262.4	42.3	238.83	45.3	242.81	42.9				
	STEDAIR® GOLD			270.6	40.1	223.8	46.5	264.3	40.9	253.8	46.1	278.5	40.1	250.9	44.5	274.1	42				
CALDURA® SL2i	GORE® RT7100	252.2	38.2			259.8	42.8	252.91	40.1	264.17	43.9	267.1	41.4	256	42	255.34	43.2	268.2	38.4	247.99	40
	STEDAIR® 3000	246.8	39.9	250.9	40.9	250.4	40.7	227.6	42.7	242.4	44.2	249.4	47.3	229.7	42.6	242.7	43.8			232.8	42.6
	CROSSTECH® 3-LAYER	254.13	43	256.3	42.1	253.58	41	250.83	42.4	259.29	43.7	270.6	41.2	244.38	44.5	264.11	44.9			247.85	42.5
	CROSSTECH® BLACK	283	36.3	256.1	40	246.38	40.8	262.01	38.4	250.3	42.6	281.5	40.9	250.99	41.2	242.84	38.9	259.4	35.4	252.35	39.6
	STEDAIR® GOLD	260.8	39.3	270.1	40	258.3	36.6			256.2	39.8	294.4	37.8	242.9	39.2	251.5	39.4				
CALDURA® NPi	GORE® RT7100					245.88	44.7	237.21	44.2	244.59	46.7	248	45.6	233.69	45.9	239.67	46.5				
	STEDAIR® 3000			233.9	44	223.2	42.1	215.2	46.4	224.6	45.4	243.4	42.9	220.2	49.1	223.7	45.1				
	CROSSTECH® 3-LAYER	238.07	48.5	244.1	45	235.66	48.3	228.63	47.1	226.31	48.8	240.8	48	229.89	47.5	233.41	47.5				
	CROSSTECH® BLACK	243.83	43.8	254.7	44.5	237.24	41.9	239.11	44.3	236.16	46.5	248.8	43.1	241.93	44.8	248.74	45			229.95	41.6
	STEDAIR® GOLD	245.6	43.9			222.2	43.8	213.6	45.3	242	44.1	255.3	42.2	240.5	43.7	247.1	42.3				
CALDURA® SL3i	GORE® RT7100					237.95	47.7	239	43.8	236.65	51.4	268.4	45.6	230.7	47.1	233.91	49.4				
	STEDAIR® 3000					226	46.2	232.4	49.6	230.9	49.9	268.2	43.9	227.6	48.8	224.5	48.2				
	CROSSTECH® BLACK					228	45.3	232.21	39.7	239.72	50.2	268.4	44	237.59	47.6	240.81	45.1				
	STEDAIR® GOLD					240.8	43.1					286.5	43.6	260.7	46.7						
DEFENDER™ M SL2	GORE® RT7100	218	42.8			251.2	38.7	249.76	37.5	275.7	40.9	222.4	44.8	233.22	40.2	239.85	39			226.9	39.6
	STEDAIR® 3000			252.50	42.1	240.3	38.8	233.8	39.8	236.4	41.4	226	45.6	221.1	42.6	233.6	40.6			221.4	39.5
	CROSSTECH® 3-LAYER			218.10	47.3	245.53	39.8	243.68	38.2	251.47	41.4	227.3	45.2	252.79	41.4	242.75	38.9			251.1	39.3
	CROSSTECH® BLACK	215.70	42.6	216.30	43.1	253.95	42.7	258.5	41.7	265.2	46.5	238.1	38.9	261.81	45.7	277.85	43	226.8	38.9	255.68	35
	STEDAIR® GOLD			229.50	42.8	247.7	42.5	246.7	40.2	243.5	44.6	236.4	40.4	242.8	41.5	256.1	40.1				
ARALITE® NP	GORE® RT7100	220.37	45.6			237.16	43.6	234.69	41	242.88	44.4	226.5	49.7	227.75	42.9	228.53	41.7			236.24	41.8
	STEDAIR® 3000	221.7	47.2	232.5	46.6	219	42.5	207.4	40.6	206.9	43.4	231.5	44.8	205.4	43.9	216.1	41.5			211.3	40.3
	CROSSTECH® 3-LAYER					236.75	43.3	219.96	42.4	232.27	46.3	216.1	50.5	224.93	43.5	225.8	44.1			225.37	43.2
	CROSSTECH® BLACK	222.35	46.2			221.11	40	230.28	42	233.24	45.5	234	46.1	229.62	44.9	235.08	43.6			229.28	39.1
	STEDAIR® GOLD					229.6	41.9	226.9	41.2	227.9	46	235.4	44.5			235	45.3				



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Thermal Liner	Moisture Barrier	PBI MAX® 7.0		KOMBAT™ FLEX		GEMINI™ XT		MILLENNIA™ XT		ULTRA™		PIONEER™		ADVANCE™		ADVANCE™ PCA		ARMOR™ AP		ARMOR™ 7.0	
		THL	TPP	THL	TPP	THL	TPP	THL	TPP	THL	TPP	THL	TPP	THL	TPP	THL	TPP	THL	TPP	THL	TPP
ARALITE® SL2	GORE® RT7100	250.9	40.9			270.51	40.7	253.09	36.6	268.29	39.9	262.3	44.2	249.27	41.6	261.51	39.1				
	STEDAIR® 3000	247.3	41.9			241.8	40.8	235.9	38.7	229.7	41	259	40.9	226.2	42.1	234.5	40.1	262.9	40		
	CROSSTECH® 3-LAYER					265.58	41.3	240.27	37.3	248.81	40.9	252.4	43.5	238.1	41.3	262.88	39.4				
	CROSSTECH® BLACK					225.05	39.3	252.53	40.3	247.71	43	259.8	42.2	239.03	42.2	251.09	39.3				
	STEDAIR® GOLD	249.13	41.6			274.5	40			259.2	42.6	279	39	260.8	42.3	267.4	42.6				
ARALITE® SL3	GORE® RT7100					225.65	42.7	231.45	42	243.38	44.9	261.3	47.5	232.2	43.3	227	42.8				
	STEDAIR® 3000					214	44.1	206.5	44.4	214.2	46.9	269.9	42.5	211.3	45.8	210	43.4				
	CROSSTECH® BLACK					217.14	43.6	227.84	44.5	236.86	46.2	270.1	45	244.89	45	229.06	42.3			222	44.3
	STEDAIR® GOLD					240.1	45.3					274.4	41.9	229	45.3						
	GORE® RT7100	269.82	38			275.21	39	261.71	36.9	276.47	40	271.7	39.4	270.22	40.7	260.66	39.1			262.56	37
OMNI SYNERGY® 2-LAYER	STEDAIR® 3000	264	39.6			262.5	38.7	248.4	37.8	255.6	38.5	277.4	39.8	236.9	42.1	256.4	39.9	251.9	40.9	237.2	37.3
	CROSSTECH® 3-LAYER					271.79	39.1	256.53	38.7	269.54	41.7	271.6	42.9	258.13	40.2	263.84	38.9			255.42	38.1
	CROSSTECH® BLACK	269.82	39.2			253.43	37.5	256.72	35.8	269.26	42.7	279.3	39.3	269.25	42.8	281.67	37			268.19	35.5
	STEDAIR® GOLD									252.9	40.5										
	GORE® RT7100					249.14	39.8	237.88	39.8	246.82	42	211.2	40.5	249.63	43.2	242.13	41.1				
Q-8	STEDAIR® 3000					225.2	40.7	217.2	41.2	220.7	40.9	222.1	41.7	218.1	42.5	225.4	40.5				
	CROSSTECH® 3-LAYER					246.39	42.3	241.92	40.4	238.69	43.2	234	44.6	228.53	42.6	234.02	40.1				
	CROSSTECH® BLACK					215.49	41.9	226.23	41.3	228.79	43.1	221.5	42.2	227.94	39.9	233.64	39.3				



TPP/THL OF CERTIFIED COMPOSITES

Thermal Liner	Moisture Barrier	MILLENNIA™ XTL		BRIGADE™ 750		ALUMINUM 1098		OMNI VANTAGE™	
		THL	TPP	THL	TPP	THL	TPP	THL	TPP
GORE® PARALLON™		253.2	35.7	258.4	39.6			250.6	39.7
GLIDE™ GOLD 2-LAYER	GORE® RT7100			285.54	41.9				
	STEDAIR® 3000	275	39.6	281.1	42.6				
	CROSSTECH® 3-LAYER	285.25	38.6						
	CROSSTECH® BLACK STEDAIR® GOLD			298.2	38.4			261.18	44.9
						38.4			
QUANTUM 3D™ SL2i	GORE® RT7100	276.46	38.2	267.86	44.3				
	STEDAIR® 3000	255.3	40	251.9	44.8				
	CROSSTECH® 3-LAYER	256.34	40.7	262.4	44.9				
	CROSSTECH® BLACK STEDAIR® GOLD	254.7	40.6	276.15	40				
						Quantum only available with TenCate shells		Quantum only available with TenCate shells	
CALDURA® SL2i	GORE® RT7100			280.75	42		44.5	269.92	47.1
	STEDAIR® 3000	285.2	35.4	252.9	42.4		45.6	253.5	49.8
	CROSSTECH® 3-LAYER	290.18	36.9	271.09	43		41.8	274.78	48.5
	CROSSTECH® BLACK STEDAIR® GOLD			275.75	39.2		43.2	271.56	43.9
				280.6	36.4			266.1	44.8
CALDURA® NPi	GORE® RT7100	260.77	36.6	265.44	44.1		45.6	250.2	50.3
	STEDAIR® 3000	237.1	37.3	243.9	45.5		47.9	244.5	50.3
	CROSSTECH® 3-LAYER	249.23	40.8	249.39	45.9			246.29	53.5
	CROSSTECH® BLACK STEDAIR® GOLD	268.45	39.6	264.4	42.3		48.5	254.73	48.5
				265.6	40.9			266.8	48.1
CALDURA® SL3i	GORE® RT7100	279.38	37.7	265.16	46.4			253.99	52.6
	STEDAIR® 3000	260.8	40.6	246.4	46.5			251.2	51.3
	CROSSTECH® 3-LAYER	274.61	36.4	254.48	45.8		50.3	253.59	51.4
	CROSSTECH® BLACK						49.3		
DEFENDER™ M SL2	GORE® RT7100	232.16	36.3	253.42	40.6			259.8	43.3
	STEDAIR® 3000	216.6	42.6	249.5	40.3		46.7	230.9	47.5
	CROSSTECH® 3-LAYER	233.88	36.9	283.14	38.5			256.22	42.7
	CROSSTECH® BLACK STEDAIR® GOLD	249.82	36	294.15	41.8		41.5	258.15	40.2
				286.4	41.7				
ARALITE® NP	GORE® RT7100	247.4	39	252.84	42.3		45.8	242.81	47.3
	STEDAIR® 3000	230.3	39.9	221.5	41.9		47.2	213.6	50.9
	CROSSTECH® 3-LAYER	228.98	41.3	242.17	42			239.65	49.6
	CROSSTECH® BLACK STEDAIR® GOLD	234.05	40.1	239.07	42.9		48	241.3	41.7
				261.1	43.8				



TPP/THL OF CERTIFIED COMPOSITES

Thermal Liner	Moisture Barrier	MILLENNIA™ XTL		BRIGADE™ 750		ALUMINUM 1098		OMNI VANTAGE™	
		THL	TPP	THL	TPP	THL	TPP	THL	TPP
ARALITE® SL2	GORE® RT7100	264.42	37.7	266.83	40.5		45	270.74	43.5
	STEDAIR® 3000	248	38.3	240.7	39.7		46.9	244.1	45.6
	CROSSTECH® 3-LAYER	258.41	39.2	285.41	38.3				
	CROSSTECH® BLACK	263.8	36.5	266.92	40.2		44.7	253.06	41.8
	STEDAIR® GOLD			296.5	40.3				
ARALITE® SL3	GORE® RT7100	256.4	40.8	251.15	44.1				
	STEDAIR® 3000	250.6	42.3	226.4	44.2			226.7	51.6
	CROSSTECH® BLACK	249.17	41.4	252.45	43.2		51	220.3	45.1
	STEDAIR® GOLD								
OMNI SYNERGY® 2-LAYER	GORE® RT7100			303.38	40.1			276.55	43.1
	STEDAIR® 3000	267.3	38.1	265.8	40.1		43	252.1	47.1
	CROSSTECH® 3-LAYER			293.17	39.3			282.17	44.7
	CROSSTECH® BLACK			282.1	35.1		40.8	303.52	41.7
	STEDAIR® GOLD							299.4	45
Q-8	GORE® RT7100	249.58	39.6	272.85	42.5			236.5	47.7
	STEDAIR® 3000	236.7	40.5	241.1	42.1		45.1	225	47.3
	CROSSTECH® 3-LAYER	235.1	40.8	264.77	42.3			250.5	47.9
	CROSSTECH® BLACK	237.88	38.6	236.01	39.8			237.64	41.2

There may be limited availability of composites containing STEDAIR® 4000 if the opportunity is large enough to warrant.

Please check with Customer Service for availability.