



# TPP/THL OF CERTIFIED COMPOSITES

<b>ATHLETIX</b>	<b>KOMBAT™ STRETCH, CROSSTECH® BLACK, CALDURA NOMEX® NANO</b>	<b>259.7</b>	<b>38.5</b>
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Thermal Liner	Moisture Barrier	PBI MAX® 7.0		KOMBAT™ FLEX		GEMINI™ XT		MILLENNIA™ XT		AGILITY™		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	THL	TPP
GLIDE ICE™ WITH NOMEX® NANO	GORE® RT7100 STEDAIR® 3000																						
	CROSSTECH® 3-LAYER CROSSTECH® BLACK STEDAIR® GOLD	283	38.9																	292.5	40		
CALDURA® WITH NOMEX® NANO	GORE® RT7100 STEDAIR® 3000																						
	CROSSTECH® 3-LAYER CROSSTECH® BLACK STEDAIR® GOLD			311.7	37.2	296.4	36.3				299.9	37.4			309.5	36							
GORE® PARALLON™		239.4	46	252.3	38.2	237.8	38.5	244.7	38.2	268	44.6	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 STEDAIR® GOLD	240.7	39.4	261.8	41.9	248.9	41.7																
GLIDE ICE™ 2-LAYER	GORE® RT7100	267.77	40.3			260.85	41.5	255.12	40.5	270.5	41.2	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	265.2	39.5	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	282.1	42.9	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 STEDAIR® GOLD	275.72	41.9	268.3	41.8	249.46	39.6	257.73	39	279.3	39.7	262.84	42.6	285.2	41.6	252.82	42.4	258.32	38.5	262.4	39.4	262.36	40.6
QUANTUM 3D™ SL2i	GORE® RT7100			253	41.3	254.88	43.8	247.93	42.3	254.5	40.6	249.42	45.3	258	44.1	242.7	44.9	248.03	44.7	Quantum only available with TenCate shells	Quantum only available with TenCate shells		
	STEDAIR® 3000	Quantum only available with TenCate shells		249.3	41.4	240	41.6	228.2	45.1	247.2	44.2	238.7	48.6	238.2	48.7	226.8	45.6	236.6	44.3				
	CROSSTECH® 3-LAYER			250.5	45.1	240.56	49.7	244.76	47.9	258.9	44.6	244.84	48.7	256.8	45.3	230.15	47.9	234.64	43.8				
	CROSSTECH® BLACK STEDAIR® GOLD			255.7	44.5	233.19	45.8	240.83	42.7	260.2	44.3	245	45.4	262.4	42.3	238.83	45.3	242.81	42.9				
CALDURA® SL2i	GORE® RT7100	252.2	38.2			259.8	42.8	252.91	40.1	258.5	38.7	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	259.7	41.7	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	272.3	40.2	259.29	43.7	270.6	41.2	244.38	44.5	264.11	44.9			247.85	42.5
	CROSSTECH® BLACK STEDAIR® GOLD	283	36.3	256.1	40	246.38	40.8	262.01	38.4	272.2	43.2	250.3	42.6	281.5	40.9	250.99	41.2	242.84	38.9			252.35	39.6
CALDURA® NPi	GORE® RT7100					245.88	44.7	237.21	44.2	227.7	46.2	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	226.7	43.9	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	234.9	51.8	226.31	48.8	240.8	48	229.89	47.5	233.41	47.5				
	CROSSTECH® BLACK STEDAIR® GOLD	243.83	43.8	254.7	44.5	237.24	41.9	239.11	44.3	248.6	44	236.16	46.5	248.8	43.1	241.93	44.8	248.74	45			229.95	41.6
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 STEDAIR® GOLD					228	45.3	232.21	39.7			239.72	50.2	268.4	44	237.59	47.6	240.81	45.1				
						240.8	43.1							286.5	43.6	260.7	46.7						



# TPP/THL OF CERTIFIED COMPOSITES

Thermal Liner	Moisture Barrier	PBI MAX® 7.0		KOMBAT™ FLEX		GEMINI™ XT		MILLENNIA™ XT		AGILITY™		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	THL	TPP
DEFENDER™ M SL2	GORE® RT7100	218	42.8			218	44	249.76	37.5	208.9	41.9	275.7	40.9	222.4	44.8	233.22	40.2	239.85	39			226.9	39.6
	STEDAIR® 3000	230.30	38.4	252.50	42.1	240.3	38.8	233.8	39.8	221	42.9			226	45.6			233.6	40.6			229.6	40.6
	CROSSTECH® 3-LAYER			218.10	47.3	245.53	39.8	243.68	38.2	217.3	43.1	251.47	41.4	227.3	45.2	252.79	41.4	242.75	38.9			251.1	39.3
	CROSSTECH® BLACK STEDAIR® GOLD	215.70	42.6	216.30	43.1	253.95	42.7	258.5	41.7	229.3	45.1	265.2	46.5	238.1	38.9	261.81	45.7	277.85	43	226.8	38.9	255.68	35
				229.50	42.8	247.7	42.5	246.7	40.2	226.4	40.5	243.5	44.6	236.4	40.4	242.8	41.5	256.1	40.1				
DEFENDER M NP (BRASS)	GORE® RT7100					218.8	42.6			218.4	42.5			230.7	45.9	217.6	44.7	211.2	43.6				
	STEDAIR® 3000			239.5	42.5	232.4	41.4			238.5	42.9			240.2	43.6	227.4	44.8	230.7	44.9				
	CROSSTECH® 3-LAYER	220.2	44.5			220.7	45			228.8	48.1			220.6	47								
	CROSSTECH® BLACK STEDAIR® GOLD	212.6	41.4	227.2	43.1	225	42.9			225.8	43.9			222	43.6	218.8	46	224.3	42.6				
		227.2	39			238.2	38.6			243.5	43.4			240.9	39.4								
ARALITE® NP	GORE® RT7100	220.37	45.6			237.16	43.6	234.69	41	218.3	47.3	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	212.7	43	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	222.4	47.8	232.27	46.3	216.1	50.5	224.93	43.5	225.8	44.1			225.37	43.2
	CROSSTECH® BLACK STEDAIR® GOLD	222.35	46.2			221.11	40	230.28	42	232.2	46.25	233.24	45.5	234	46.1	229.62	44.9	235.08	43.6			229.28	39.1
						229.6	41.9	226.9	41.2	215.4	42.1	227.9	46	235.4	44.5			235	45.3				
ARALITE® SL2	GORE® RT7100	250.9	40.9			270.51	40.7	253.09	36.6	231.4	43.1	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	238.9	38.8	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	246.8	44.9	248.81	40.9	252.4	43.5	238.1	41.3	262.88	39.4				
	CROSSTECH® BLACK STEDAIR® GOLD	249.13	41.6			225.05	39.3	252.53	40.3	271.2	39.9	247.71	43	259.8	42.2	239.03	42.2	251.09	39.3				
						274.5	40			264.1	38.2	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 STEDAIR® GOLD					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
							240.1	45.3					274.4	41.9	229	45.3							
OMNI SYNERGY® 2-LAYER	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
	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 STEDAIR® GOLD	269.82	39.2			253.43	37.5					269.26	42.7	279.3	39.3	269.25	42.8	281.67	37			268.19	35.5
												252.9	40.5										
Q-8	GORE® RT7100					249.14	39.8			214.7	41.7	246.82	42	211.2	40.5	249.63	43.2	242.13	41.1				
	STEDAIR® 3000					225.2	40.7	217.2	41.2	225.9	39.9	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			230	44.7	238.69	43.2	234	44.6	228.53	42.6			234.02	40.1
	CROSSTECH® BLACK					215.49	41.9			236.1	39.8	228.79	43.1	221.5	42.2			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 ICE™	GORE® RT7100			285.54	41.9				
	STEDAIR® 3000	275	39.6	281.1	42.6			226.2	46.7
	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 CROSSTECH® BLACK	274.61	36.4	254.48	45.8		50.3	253.59	51.4
						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				
DEFENDER M NP (BRASS)	GORE® RT7100			232.5	43.1		44.2		
	STEDAIR® 3000			250	42.2		42.4		
	CROSSTECH® 3-LAYER			233.1	43.3				
	CROSSTECH® BLACK STEDAIR® GOLD			238.8	41.6		44.8		
				253	42				
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			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			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.