

# SAATI Protection

## Product Range - Aramid

For Personal Protection

### Aramid Fabrics

Item	Weave	Threads x cm		Title Count		Thickness (mm)	Weight (g/m <sup>2</sup> )	Warp (DaN/cm)	Weft (DaN/cm)
		Warp (n°/cm)	Weft (n°/cm)	Warp (dtex)	Weft (dtex)				
270	plain	27,5	27,5	Kevlar 159 220	Kevlar 159 220	0,20	125	80	100
372	plain	23,2	23,2	Kevlar 159 330	Kevlar 159 330	0,22	158	100	100
310	plain	14,0	14,0	Kevlar KM2+440	Kevlar KM2+ 440	0,17	125	100	100
431	plain	12,2	12,2	Kevlar KM2+440	Kevlar KM2+ 440	0,13	110	90	90
6402	plain	10,7	10,7	Kevlar KM2+670	Kevlar KM2+ 670	0,20	145	130	130
6602	plain	12,2	12,2	Kevlar KM2+670	Kevlar KM2+670	0,25	165	135	135
3631	plain	10,7	10,7	Kevlar KM2+940	Kevlar KM2+940	0,31	200	140	140
3651	plain	11,7	11,7	Kevlar KM2+940	Kevlar KM2+ 940	0,32	220	150	150
802	plain	8,5	8,5	Kevlar KM2+1100	Kevlar KM2+ 1100	0,26	190	150	150
812	plain	12,2	12,2	Kevlar KM2+1100	Kevlar KM2+ 1100	0,38	280	220	220
258	plain	6,4	6,4	Kevlar 129 3140	Kevlar 129 3140	0,62	410	320	350
300	plain	4,5	4,5	Kevlar 29 3300	Kevlar 29 3300	0,40	300	190	190
101	plain	6,7	6,7	Kevlar 29 3300	Kevlar 29 3300	0,63	460	280	280
103	twill 4/4	9,3	9,3	Kevlar 29 3300	Kevlar 29 3300	0,91	635	320	320

● for spike protection

All items can be provided with water repellency, scoured or heatset treatment.

# SAATI Protection

## Product Range - Coated Aramid

For Helmets & Shields

### Phenolic Systems - (Shelf life 12 months at -18°C or 6 weeks at 23°C)

Item	Weave	Resin Content	Prepreg Weight	Curing Cycle		
		(%)	(g/m <sup>2</sup> )	(°C)	(bar)	(min)
Style 258 PHLF - single side coated	Plain	12	455	165	30	15
Style 101 PHLF - single side coated	Plain	16	525	165	30	15
Style 258 PHLF - double side coated	Plain	25	535	165	30	15
Style 350 PHLF - single side coated	Basket 3/3	9	374	165	30	15
Style 3651 PHLFD Black finished (dipping)	Plain	18	262	165	30	15

### Epoxy Systems - (Shelf life 12 months at -18°C or 45 days at 23°C)

Item	Weave	Resin Content	Prepreg Weight	Curing Cycle		
		(%)	(g/m <sup>2</sup> )	(°C)	(bar)	(min)
Style 258 ER221	Plain	26	540	125	2 - 7	15

### Thermoplastic Systems - (Shelf life 12 months at 23°C)

Item	Weave	Resin Content	Prepreg Weight	Curing Cycle		
		(%)	(g/m <sup>2</sup> )	(°C)	(bar)	(min)
Style 258 PCK	Plain	12	455	135	30	30
Style 350 PCK	Basket 3/3	9	374	135	30	30
Style 6402 PCK	Plain	20	175	135	30	30
Style 802 PCK	Plain	18	226	135	30	30

# SAATI Protection

## Product Range - Coated Aramid

For Vehicle Armouring

### Phenolic Systems

Item	Weave	Resin Content	Prepreg Weight	Curing Cycle		
		(%)	(g/m <sup>2</sup> )	(°C)	(bar)	(min)
Style 258 PHLF - single side coated	Plain	12	455	165	30	*
Style 101 PHLF - single side coated	Plain	16	525	165	30	*
Style 258 PHLF - double side coated	Plain	25	535	165	30	*
Style 350 PHLF - single side coated	Basket 3/3	9	374	165	30	*

### Rubberized Systems

Item	Weave	Resin Content	Prepreg Weight	Curing Cycle		
		(%)	(g/m <sup>2</sup> )	(°C)	(bar)	(min)
Style 101 GRCD PLUS - double side coated	Plain	18	580	175	10 - 50	*
Style 101 GHY - single side coated	Plain	15	515	185	10 - 50	*

# SAATI Protection

## Product Range - MTP Systems

Stab & Spike, Trauma Reduction & Multi-Threat Protection Systems

### Stab and Spike Protection Systems

Item	Thickness	Weight	Format (mm)
	(mm)	(g/m <sup>2</sup> )	
AS 299	0,13	165	Sheet Dim: 2130 x 1270
MTS310	0,35	310	Roll Width: from 1200 up to 1600

### Trauma Reduction Systems

Item	Thickness	Weight	Format (mm)
	(mm)	(g/m <sup>2</sup> )	
AT2	0,50	510	Sheet - Dim: 2130 x 1300
TRS295	0,38	295	Roll - Width: 1600

### Multi Threat Protection (MTP) Systems

Item	Thickness	Weight	Format (mm)
	(mm)	(g/m <sup>2</sup> )	
AS401S	0,22	235	Sheet - Dim: 2000 x 1200
AS401D	0,23	280	Sheet - Dim: 2000 x 1200
TRS380	0,33	372	Sheet - Dim: 2000 x 1300
MTP235T	0,25	235	Roll - Width: 1360

# SAATI Protection

## Product Range - Backings & Spall Liners

For Vehicle Armouring

### Stab and Spike Protection Systems

Item	Standard Dimensions (mm)	Thickness	Weight	Format (mm)
		(mm)	(g/m <sup>2</sup> )	
PVB 14/19	1200 x 2000	8,3	8,7	Thermoset
L60/14	1200 x 2000	6	7	Thermoplastic
L60/16	1200 x 2000	7	8	Thermoplastic
L60/25	1200 x 2000	11	12,5	Thermoplastic
L60/10 H-2	1220 x 2000	5,8	5	Thermoplastic/Rubberized
L60/15 H-2	1220 x 2000	8,3	6,8	Thermoplastic/Rubberized
L60/20 H-2	1220 x 2000	10,8	9	Thermoplastic/Rubberized
GRC 19/15-2	1950 x 1360	7	8,4	Rubberized
GRC 19/7-2	1950 x 1360	4,8	3,9	Rubberized

# SAATI Protection

## Product Range - CoreMatrix™

For Personal Protection

### CoreMatrix™

Item	Construction		Thickness	Weight	Standard Width
	Layer 1	Layer 2	(mm)	(g/m <sup>2</sup> )	cm
9354	PES felt	Aramid Fabric	0,20	125	160
9757	PES felt	Aramid Fabric	0,22	158	160
310	PES felt	Aramid Fabric	0,17	125	160
9354-24	Aramid felt	Aramid Fabric	0,13	110	160