

Technical Data Sheet

Porcher *SPORT*

Skytex 27 Classic

ZI des Vallons
38110 La Tour du Pin Cedex (France)
Tel : +33 (0)4.74.82.25.23
Fax : +33 (0)4.74.82.25.11

DESCRIPTION	
Fabric	70000
Finish	Side coated (polyurethane)
Yarn	PA 6.6 high tenacity - 22 dtex
Width	158 cm
Pattern	Rip Stop
Internal ref.	F70000 - E71A
Length of rolls	150 lm



Utilization / End-uses
High performance paragliding, kites



Technical Specifications				
Characteristics		Test Method	Unit	Tolerance
Coated fabric's weight		ISO 2286-2	g/sqm	26 +/- 2
Tear Strength	warp	ISO 4674	DaN	2.8 +/- 1
	weft			2.8 +/- 1
Elongation	on bias 3 lbs	Internal Method	%	5 +/- 3
	on bias 5 lbs			12.5 +/- 4
	on bias 10 lbs			24 +/- 4
Break strength	warp	ISO 1421	DaN/5 cm	25 mini
	weft			22 mini
Air porosity		ISO 9237	1/sqm/mn under 2000 Pa surface 100cm	40 maxi

Approval of Development Date : 07/09/06 Name : Agnès Thomasset	BU Sport Director Date : 07/09/06 Name : Eric Fauquignon
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Technical Data Sheet

Porcher *SPORT*

Skytex 36 Classic

ZI des Vallons

38110 La Tour du Pin Cedex (France)

Tel : +33 (0)4.74.82.25.23

Fax : +33 (0)4.74.82.25.11

DESCRIPTION	
Fabric	9017
Finish	Side coated (polyurethane)
Yarn	PA 6.6 high tenacity - 33 dtex
Width	158 cm
Pattern	Rip Stop
Internal ref.	F09017 - E68A
Length of rolls	150 lm



CLASSIC

Utilization / End-uses
Paragliding, Kite



INTRADOS

EXTRADOS

LIGHT

Technical Specifications

Characteristics		Test Method	Unit	Tolerance
Coated fabric's weight		ISO 2286-2	g/sqm	36 +/- 1.5
Tear Strength	warp	ISO 4674	DaN	2 mini (average) 3.3
	weft			2 mini (average) 3.3
Elongation	on bias 3 lbs	Internal Method	%	5 +/- 2
	on bias 5 lbs			11 +/- 4
	on bias 10 lbs			24 +/- 4
Break strength	warp	ISO 1421	DaN/5 cm	38 mini (average 41.6)
	weft			38 mini (average 41.6)
Air porosity		ISO 9237	1/sqm/mn under 2000 Pa surface 100cm	20 maxi (average 5)

Approval of Development Date : 07/09/06 Name : Agnès Thomasset	BU Sport Director Date : 07/09/06 Name : Eric Fauquignon
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Technical Data Sheet

Porcher *SPORT*

Skytex 40 Classic

ZI des Vallons
38110 La Tour du Pin Cedex (France)
Tel : +33 (0)4.74.82.25.23
Fax : +33 (0)4.74.82.25.11

DESCRIPTION	
Fabric	9017
Finish	Side coated (polyurethane)
Yarn	PA 6.6 high tenacity - 33 dtex
Width	158 cm
Pattern	Rip Stop
Internal ref.	F09017 - E38A
Length of rolls	150 lm



Utilization / End-uses
Paragliding, Kite



Technical Specifications				
Characteristics	Test Method	Unit	Tolerance	
Coated fabric's weight	ISO 2286-2	g/sqm	40 +/- 2	
Tear Strength	warp	ISO 4674	DaN	2.8 +/- 1
	weft			2.8 +/- 1
Elongation	on bias 3 lbs	Internal Method	%	5 +/- 3
	on bias 5 lbs			12.5 +/- 4
	on bias 10 lbs			24 +/- 4
Break strength	warp	ISO 1421	DaN/5 cm	38 mini
	weft			38 mini
Air porosity	ISO 9237	1/sqm/mn under 2000 Pa surface 100cm	40 maxi	

Approval of Development Date : 07/09/06 Name : Agnès Thomasset	BU Sport Director Date : 07/09/06 Name : Eric Fauquignon
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Technical Data Sheet

3 **Porcher** **SPORT**

Skytex 40 Deperlant

ZI des Vallons
38110 La Tour du Pin Cedex (France)
Tel : +33 (0)4.74.82.25.23
Fax : +33 (0)4.74.82.25.11

DESCRIPTION	
Fabric	9017
Finish	Side coated (polyurethane)
Yarn	PA 6.6 high tenacity - 33 dtex
Width	158 cm
Pattern	Rip Stop
Internal ref.	F09017 - E77A
Length of rolls	150 lm



Utilization / End-uses
Paragliding, Fly Surf-Kite



Technical Specifications			
Characteristics	Test Method	Unit	Tolerance
Coated fabric's weight	ISO 2286-2	g/sqm	40 +/- 2
Tear Strength	warp	ISO 4674	1.5 mini
	weft		1.5 mini
Elongation	on bias 3 lbs	Internal Method	6,5 maxi
	on bias 5 lbs		15 maxi
	on bias 10 lbs		27 maxi
Break strength	warp	ISO 1421	38 mini
	weft		33 mini
Air porosity	ISO 9237	1/sqm/mn under 2000 Pa surface 100cm	40 maxi

Approval of Development Date : 07/09/06 Name : Agnès Thomasset	BU Sport Director Date : 07/09/06 Name : Eric Fauquignon
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Technical Data Sheet

Porcher *SPORT*

Skytex 40 Evolution

ZI des Vallons

38110 La Tour du Pin Cedex (France)

Tel : +33 (0)4.74.82.25.23

Fax : +33 (0)4.74.82.25.11

DESCRIPTION	
Fabric	9017
Finish	Side coated (polyurethane)
Yarn	PA 6.6 high tenacity - 33 dtex
Width	158 cm
Pattern	Rip Stop
Internal ref.	F09017 - E112
Length of rolls	150 lm



Utilization / End-uses
Paragliding, Kite



Technical Specifications

Characteristics		Test Method	Unit	Tolerance
Coated fabric's weight		ISO 2286-2	g/sqm	40 +/- 2
Tear Strength	warp	ISO 4674	DaN	2 +/- 0,5
	weft			2 +/- 0,5
Elongation	on bias 3 lbs	Internal Method	%	8.5 maxi
	on bias 5 lbs			16 maxi
	on bias 10 lbs			26 maxi
Break strength	warp	ISO 1421	DaN/5 cm	38 mini (average 44)
	weft			33 mini (average 43)
Air porosity		ISO 9237	1/sqm/mn under 2000 Pa surface 100cm	40 maxi (average 4)

Approval of Development Date : 07/09/06 Name : Agnès Thomasset	BU Sport Director Date : 07/09/06 Name : Eric Fauquignon
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Technical Data Sheet

Porcher *SPORT*

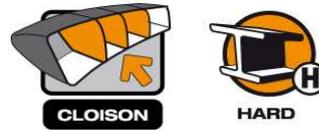
Skytex 40 Hard

ZI des Vallons
38110 La Tour du Pin Cedex (France)
Tel : +33 (0)4.74.82.25.23
Fax : +33 (0)4.74.82.25.11

DESCRIPTION	
Fabric	9017
Finish	Side coated (polyurethane)
Yarn	PA 6.6 high tenacity - 33 dtex
Width	158 cm
Pattern	Rip Stop
Internal ref.	F09017 - E29A
Length of rolls	150 lm



Utilization / End-uses
Ribs, Kite



Technical Specifications				
Characteristics		Test Method	Unit	Tolerance
Coated fabric's weight		ISO 2286-2	g/sqm	40 +/- 2
Tear Strength	warp	ISO 4674	DaN	1.3 mini
	weft			0.7 mini
Elongation	on bias 3 lbs	Internal Method	%	1 maxi
	on bias 5 lbs			2 maxi
	on bias 10 lbs			10 maxi
Break strength	warp	ISO 1421	DaN/5 cm	38 mini
	weft			33 mini
Air porosity		ISO 9237	1/sqm/mn under 2000 Pa surface 100cm	100 maxi

Approval of Development Date : 07/09/06 Name : Agnès Thomasset	BU Sport Director Date : 07/09/06 Name : Eric Fauquignon
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Technical Data Sheet

Porcher *SPORT*

Skytex 45 Classic

ZI des Vallons
38110 La Tour du Pin Cedex (France)
Tel : +33 (0)4.74.82.25.23
Fax : +33 (0)4.74.82.25.11

DESCRIPTION	
Fabric	9092
Finish	Side coated (polyurethane)
Yarn	PA 6.6 high tenacity - 33 dtex
Width	158 cm
Pattern	Rip Stop
Internal ref.	F09092 - E38A
Length of rolls	150 lm



Utilization / End-uses
Paragliding, Kite



Technical Specifications			
Characteristics	Test Method	Unit	Tolerance
Coated fabric's weight	ISO 2286-2	g/sqm	45 +/- 3
Tear Strength	warp	ISO 4674	2 mini
	weft		1,5 mini
Elongation	on bias 3 lbs	Internal Method	6,5 maxi
	on bias 5 lbs		15 maxi
	on bias 10 lbs		27 maxi
Break strength	warp	ISO 1421	40 mini
	weft		33 mini
Air porosity	ISO 9237	1/sqm/mn under 2000 Pa surface 100cm	40 maxi

Approval of Development Date : 07/09/06 Name : Agnès Thomasset	BU Sport Director Date : 07/09/06 Name : Eric Fauquignon
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Technical Data Sheet

Porcher *SPORT*

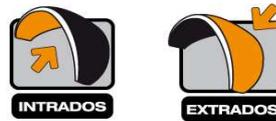
Skytex 45 Deperlant

ZI des Vallons
38110 La Tour du Pin Cedex (France)
Tel : +33 (0)4.74.82.25.23
Fax : +33 (0)4.74.82.25.11

DESCRIPTION	
Fabric	9092
Finish	Side coated (polyurethane)
Yarn	PA 6.6 high tenacity - 33 dtex
Width	158 cm
Pattern	Rip Stop
Internal ref.	F09092 - E77A
Length of rolls	150 lm



Utilization / End-uses
Paragliding, Fly Surf-Kite



Technical Specifications			
Characteristics	Test Method	Unit	Tolerance
Coated fabric's weight	ISO 2286-2	g/sqm	45 +/- 3
Tear Strength	warp	ISO 4674	2 mini
	weft		1,5 mini
Elongation	on bias 3 lbs	Internal Method	6,5 maxi
	on bias 5 lbs		15 maxi
	on bias 10 lbs		27 maxi
Break strength	warp	ISO 1421	40 mini
	weft		33 mini
Air porosity	ISO 9237	1/sqm/mn under 2000 Pa surface 100cm	40 maxi

Approval of Development Date : 07/09/06 Name : Agnès Thomasset	BU Sport Director Date : 07/09/06 Name : Eric Fauquignon
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Technical Data Sheet

Porcher *SPORT*

Skytex 45 Evolution

ZI des Vallons

38110 La Tour du Pin Cedex (France)

Tel : +33 (0)4.74.82.25.23

Fax : +33 (0)4.74.82.25.11

DESCRIPTION	
Fabric	9092
Finish	Side coated (polyurethane)
Yarn	PA 6.6 high tenacity - 33 dtex
Width	158 cm
Pattern	Rip Stop
Internal ref.	F09092 - E85A
Length of rolls	150 lm



Utilization / End-uses
Paragliding, Kite



Technical Specifications				
Characteristics	Test Method	Unit	Tolerance	
Coated fabric's weight	ISO 2286-2	g/sqm	46,5 +3/-2	
Tear Strength	warp	ISO 4674	DaN	1 mini (average 2)
	weft			2 mini (average 2.5)
Elongation	on bias 3 lbs	Internal Method	%	4.5 +/- 2
	on bias 5 lbs			13 +/- 2
	on bias 10 lbs			19 +/- 4
Break strength	warp	ISO 1421	DaN/5 cm	40 (average 54)
	weft			33 (average 45)
Air porosity	ISO 9237	1/sqm/mn under 2000 Pa surface 100cm	20 maxi (average 5/10)	

Approval of Development Date : 07/09/06 Name : Agnès Thomasset	BU Sport Director Date : 07/09/06 Name : Eric Fauquignon
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Technical Data Sheet

Porcher *SPORT*

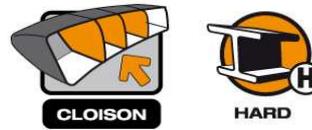
Skytex 45 Hard

ZI des Vallons
38110 La Tour du Pin Cedex (France)
Tel : +33 (0)4.74.82.25.23
Fax : +33 (0)4.74.82.25.11

DESCRIPTION	
Fabric	9092
Finish	Side coated (polyurethane)
Yarn	PA 6.6 high tenacity - 33 dtex
Width	158 cm
Pattern	Rip Stop
Internal ref.	F09092 - E29A
Length of rolls	150 lm



Utilization / End-uses
Ribs, Kite



Technical Specifications			
Characteristics	Test Method	Unit	Tolerance
Coated fabric's weight	ISO 2286-2	g/sqm	45 +/- 3
Tear Strength	warp	ISO 4674	1 mini
	weft		0.7 mini
Elongation	on bias 3 lbs	Internal Method	2 maxi
	on bias 5 lbs		3 maxi
	on bias 10 lbs		10 maxi
Break strength	warp	ISO 1421	40 mini
	weft		33 mini
Air porosity	ISO 9237	1/sqm/mn under 2000 Pa surface 100cm	100 maxi

Approval of Development Date : 07/09/06 Name : Agnès Thomasset	BU Sport Director Date : 07/09/06 Name : Eric Fauquignon
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Technical Data Sheet

Porcher *SPORT*

Skytex 55 Evolution

ZI des Vallons
38110 La Tour du Pin Cedex (France)
Tel : +33 (0)4.74.82.25.23
Fax : +33 (0)4.74.82.25.11

DESCRIPTION	
Fabric	9112
Finish	Side coated (polyurethane)
Yarn	Warp: PA 6.6 high tenacity - 33 dtex
	Weft: PA 6.6 high tenacity - 50 dtex
Width	160 cm
Pattern	Rip Stop
Internal ref.	FE0925 - EX01
Length of rolls	150 lm



Utilization / End-uses

Hot air balloons

Technical Specifications

Characteristics	Test Method	Unit	Tolerance	
Coated fabric's weight	ISO 2286-2	g/sqm	55 +/- 2	
Tear Strength	warp	ISO 4674	DaN	3 mini (average 3.5)
	weft			5 mini (average 7)
Elongation	on bias 3 lbs	Internal Method	%	4.5 +/- 2
	on bias 5 lbs			10 +/- 2
	on bias 10 lbs			19 +/- 4
Break strength	warp	ISO 1421	DaN/5 cm	40 (average 55)
	weft			50 (average 75)
Air porosity	ISO 9237	1/sqm/mn under 2000 Pa surface 100cm	20 maxi (average 5/10)	

Approval of Development Date : 04/01/07 Name : Agnès Thomasset	BU Sport Director Date : 04/01/07 Name : Eric Fauquignon
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Technical Data Sheet

Porcher **SPORT**

SR-170

ZI des Vallons

38110 La Tour du Pin Cedex (France)

Tel : +33 (0)4.74.82.25.23

Fax : +33 (0)4.74.82.25.11

DESCRIPTION	
Fabric	6391
Finish	Impregnated hard finish
Yarn	Polyester 167 Dtex and 330 Dtex
Width	145 cm
Pattern	plain weave
Internal ref.	F06391 - E45A
Length of rolls	100 lm



Utilization / End-uses

Ribs reinforcements / tapes / windsurf

Technical Specifications

Characteristics		Test Method	Unit	Tolerance
Coated fabric's weight		ISO 2286-2	g/sqm	165 +/- 5
Tear Strength	warp	ISO 4674	DaN	0.4 mini
	weft			1 mini
Elongation	on bias 3 lbs	Internal Method	%	1.7 maxi
	on bias 5 lbs			8 maxi
	on bias 10 lbs			20 maxi
Break strength	warp	ISO 1421	DaN/5 cm	90 mini
	weft			100 maxi

Approval of Development
Date : 07/09/06
Name : Agnès Thomasset

BU Sport Director
Date : 07/09/06
Name : Eric Fauquignon

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Technical Data Sheet

3: **Porcher** *SPORT*

SR-Laminate

ZI des Vallons

38110 La Tour du Pin Cedex (France)

Tel : +33 (0)4.74.82.25.23

Fax : +33 (0)4.74.82.25.11

DESCRIPTION	
Fabric	6382
Finish	Laminated with polyester films
Yarn	Polyester 167 Dtex
Width	145 cm
Pattern	Toile
Internal ref.	F06382 - X20A
Length of rolls	100 lm



Utilization / End-uses

Ribs reinforcements / tapes / windsurf

Technical Specifications

Characteristics		Test Method	Unit	Tolerance
Coated fabric's weight		ISO 2286-2	g/sqm	180+/-5
Tear Strength	warp	ISO 4674	DaN	0.7 mini
	weft			0.7 mini
Elongation	on bias 3 lbs			
	on bias 5 lbs			
	on bias 10 lbs			
Break strength	warp	ISO 1421	DaN/5 cm	100 mini
	weft			80 mini

Approval of Development Date : 07/09/06 Name : Agnès Thomasset	BU Sport Director Date : 07/09/06 Name : Eric Fauquignon
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Technical Data Sheet

Porcher *SPORT*

SR-Scrim

ZI des Vallons

38110 La Tour du Pin Cedex (France)

Tel : +33 (0)4.74.82.25.23

Fax : +33 (0)4.74.82.25.11

DESCRIPTION	
Fabric	2420
Finish	Double laminated with polyester films
Yarn	Polyester 550 Dtex
Width	145 cm
Pattern	
Internal ref.	F02420 - X15A
Length of rolls	100 lm



Utilization / End-uses

Ribs reinforcements

Technical Specifications

Characteristics		Test Method	Unit	Tolerance
Coated fabric's weight		ISO 2286-2	g/sqm	180+/-10
Tear Strength	warp	ISO 4674	DaN	2.5 mini
	weft			2.5 mini
Elongation	on bias 3 lbs			
	on bias 5 lbs			
	on bias 10 lbs			
Break strength	warp	ISO 1421	DaN/5 cm	110 mini
	weft			110 mini

Approval of Development
Date : 07/09/06
Name : Agnès Thomasset

BU Sport Director
Date : 07/09/06
Name : Eric Fauquignon

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