

Smooth Xtreme White

Grammage gsm	Stiffness (Taber 15°) MD mNm	ISO 2493 CD mNm	Thickness Micron
90	0.2	0.1	95
100	0.3	0.2	105
120	0.5	0.3	126
160	1.2	0.7	170
200	2.2	1.3	212
250	4.2	2.7	265
300	6.5	4.2	318
330	9.0	5.5	350
400	15.5	9.5	424
+/-5%	Tolerance		+/-7.5%

Rough Xtreme White

Grammage gsm	Stiffness (Taber 15°) MD mNm	ISO 2493 CD mNm	Thickness Micron
100	0.4	0.2	145
120	0.8	0.4	174
160	1.9	1.3	232
300	14.0	9.0	450
330	17.5	11.5	495
+/-5%	Tolerance		+/-7.5%

Laid Xtreme White

Grammage gsm	Stiffness (Taber 15°) MD mNm	ISO 2493 CD mNm	Thickness Micron
100	0.5	0.3	140
250	5.9	4.0	325
+/-5%	Tolerance		+/-7.5%

Smooth Natural

Grammage gsm	Stiffness (Taber 15°) MD mNm	ISO 2493 CD mNm	Thickness Micron
100	0.3	0.2	108
120	0.5	0.3	129
160	1.4	0.8	168
250	4.3	3.1	272
330	10.5	7.5	353
+/-5%	Tolerance		+/-7.5%

Ghost White

Grammage gsm	Thickness Micron
100	90
200	150
+/-5%	+/-7.5%

CIE whiteness	D65 (UV included)
Xtreme White	168

Smoothness	ISO 8791-2 Bendtsen ml/min
Smooth	55
Rough	550
Laid	800
Ghost	15

All data are typical figures



Printing Guidelines

- **Advocate** is fully suited to offset litho, letterpress and gravure printing processes.
- **Advocate** performs excellently in the embossing, film and foil laminating, thermographic and foil blocking processes.
- **Advocate** is guaranteed for colour and mono inkjet (laid mono only) and colour laser printing (laid mono only) up to 160 gsm other than when a specific substrate is recommended by a machine manufacturer.

Applications

Advocate is perfect for:

- Corporate Stationery
- Reports and Accounts
- Brochures
- Folders and Presentation Materials.



TT-COC-2032

Advocate Xtreme White contains woodpulp from well managed forests certified in accordance with the rules of the Forest Stewardship Council.

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Printed on Advocate Smooth Xtreme White 250 gsm

Product Information

Advocate is a leading business paper, which is also ideally suited for everyday text and cover applications. Each item of this comprehensive range offers its own unique appeal.

- **Smooth Xtreme White** combines a silky smooth surface with exceptional whiteness and a tactile opulence, which offers optimum print reproduction.
- **Rough Xtreme White** provides outstanding bulk and stiffness, and has the feel of real paper with a unique toothy texture without compromising print performance.
- **Laid Xtreme White** has a quality, traditional appearance that makes it ideal for all business stationery.
- **Smooth Natural** offers an attractive off white shade with a superior smooth surface.
- **Ghost White** is a translucent paper and board range that adds a distinctive visual effect to a variety of print jobs including brochures and catalogues.

Advocate is made from 100% Elemental Chlorine Free woodpulp sourced from carefully managed and renewed forests. Advocate is fully recyclable and is manufactured to precise and controlled standards. Tullis Russell is registered under the BS EN ISO 9001-2000 quality assurance scheme and the ISO14001 environmental standard.

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Advocate complies with the Packaging (Essential Requirements) (Amendment) Regulations 2006 SI1492 for heavy metal content and EN71-3 for toy safety.

Advocate conforms to ISO9706 requirements for permanence and as such is suitable for archival use or applications requiring 'acid-free' paper.

Tullis Russell
PAPERMAKERS

Smooth Xtreme White

gsm	90	100	120	160	200	250	300	330	400
A4 (210 X 297)		✓							
SRA2 (450 x 640)	✓	✓*	✓*	✓	✓	✓	✓	✓	✓
SRA1 (640 X 900)		✓	✓						
B1 (720 X 1020)				✓*		✓	✓	✓	

* Items also available in bulk pack.

Smooth Natural

gsm	100	120	160	250	330
A4 (210 X 297)	✓				
SRA2 (450 x 640)	✓	✓	✓	✓	✓

Rough Xtreme White

gsm	100	120	160	300	330
SRA2 (450 x 640)	✓	✓	✓	✓	✓
B1 (720 X 1020)			✓	✓	✓

Ghost White

gsm	100	200
SRA2 (450 x 640)	✓	✓
B1 (700 X 1000)	✓	✓

Laid Xtreme White

gsm	100	250
A4 (210 X 297)	✓	
SRA2 (450 x 640)	✓	✓

Envelopes

	DL
Smooth Xtreme White	✓
Smooth Natural	✓
Laid Xtreme White	✓

Range chart

Advocate.



UK Sales

Markinch
Glenrothes
Fife
KY7 6PB.
Tel: 01592 761110
Fax: 01592 761222
E-mail: papermakers@trg.co.uk

UK Samples and Information

Freephone Designline
0800 74 74 77
Fax: 01592 610672
Online: www.designlineonline.co.uk

Export Sales

Markinch
Glenrothes
Fife
KY7 6PB
Scotland
Tel: +44 (0) 1592 761212
Fax: +44 (0) 1592 610364

Tullis Russell, Inc.

55 Walls Drive
Suite 402
Fairfield CT 06824
USA
Tel 203 256 9522
Fax 203 256 8306

Tullis Russell France

Ventes **Tel: 0800 90 38 60**
Ventes **Fax: 0800 90 38 93**

Tullis Russell Germany GmbH

Germany **Tel: 0800 1817464**
Fax: +44 (0) 1592 662819
Austria, Switzerland,
Center Europe
Tel: +44 (0) 1592 761377

Tullis Russell Benelux BV

Belgium **Tel: 03/2169049**
Fax: 03/2163192
Netherlands **Tel: 0418 517 195**
Fax: 0418 517 479

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