

CENTNER
Industry

CONSUMMABLES

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1. ADJACENT FABRIC

Multifibre type DW - ISO 105 F10 - M & S

6 components : Wool , Acrylic, Polyester, Polyamide, (Nylon 6.6), Cotton, Secondary Cellulose Acetate - Wide : 100 mm

Per roll of 10 meters	702-500
Per roll of 50 meters	702-502
Pre-cut in 10 x 4 cm (\pm 250 pieces)	702-520
Pre-cut in 10 x 5 cm (\pm 200 pieces)	702-521

Multifibre type LW

Per roll (10m)	702-515
Per roll (50m)	702-516

Cotton Lawn European (crocking cloth)

Wide : \pm 1400 mm - 110 +/-5 g/m² - complies with ISO 105 x 12 et ISO 105 F09

Per pack of 1 meter	702-541
Crocking cloths – Pack (500 pieces) 5x5 cm	702-540

Cotton Drill

Wide : 930 mm - 270 +/- 70g/m² complies with ISO 105 DO1 – AATCC132

Per pack of 1m, approx 93 cm wide	702-480
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Cotton Limbric

Wide : 1020 mm – 115 \pm 5g/m² - Complies with ISO 105F02

Per pack of 1 meter	702-444
Pre cut in 10x4 cm (\pm 500 pieces)	702-342
Pre cut in 10x5 cm (\pm 500 pieces)	702-343

Wool complies with ISO105 F01

Wide : 1230 mm – Per pack (1 m)	702-448
Pre cut in 10x4 cm (\pm 500 pieces)	702-468
Pre cut in 10x5 cm (\pm 500 pieces)	702-469

Linen Suiting – Style L 54 - 218 g/m²

Per pack of 1 meter, wide : 1520 mm	702-398
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Polyester/Cotton – 65/35% bleached – Without optical, 165 g/m²

Per pack of 1 meter, wide : 1500 mm	702-396
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Viscose Rayon 140 \pm 5g/m² complies with ISO 105 F02

Per pack of 1 meter; wide 1300 mm	702-441
Pre cut in 10 x 4 cm, Straight edges (\pm 500)	702-466

Polyamide (6.6) complies with ISO 105 F03

Pre cut 10x4 cm (\pm 500 pieces)	702-462
Pre cut 10x5 cm (\pm 500 pieces)	702-463
Per pack of 1 m, wide 98 cm	702-442

Polyester 115 +/- 5g/m² complies with ISO 105 F04

Per pack of 1m, wide : \pm 980 mm	702-440
Per pack of 10m, wide \pm 980 mm	702-471
Pre cut of 10x4 cm (\pm 500 pieces)	702-464

Pre cut of 10x5 cm (± 500 pieces)	702-465
Non-dyeable Polypropylene complies with ISO105 D01	
Per pack of 1m, wide 1000 mm	702-481
Silk complies with ISO 105 F06	
Per pack of 1m, wide approx 750 mm	702-393
Acrylique complies with ISO 105 F05	
Per pack of 1m, wide : 1020 mm	702-443
Pre cut in 10x4 cm (± 500 pieces)	702-460
Cotton Fabrics complies with ISO 2267 and DIN53919	
170g/m ² - wide 80 cm Price per M linéaire - Quantity minimum 5 ml	11A

1.1 NORMES AATCC

Multifiber Style 1 <i>complies with Normes AATCC 61, 101, 105, 106, 107 and 132.</i>	
Wide : 115 cm (6 components : Acetate Filament, Cotton bleached, Polyamide, Silk, Viscose, Wool.)	
Per pack of 1m	702-417
Per box (500 pieces), 5x5 cm	702-418
Per box (500 pieces), 5x10 cm	702-419
Multifiber Style 10 <i>Complies with AATCC 61, 101, 105, 106, 107 and ASTM D 204-82.</i>	
Wide : 115 cm (Secondary cellulose acetate, Cotton, Acrylic, Polyamide (Nylon 6.6), Polyester, Wool)	
Per pack of 1m	702-420
Pre-cut 5x5 cm (approx. 500 pieces)	702-416
Pre-cut 5x10 cm (approx. 500 pieces)	702-421
Multifiber Style 10A Complies with AATCC 61, 117, 132, ISO 105 F10	
Per pack of 1m	702-403
Per box (500 pieces), 4x10 cm	702-370
Per box (500 pieces), 5x10 cm	702-399
Multifiber TV Style 41 complies with ISO 105 F10 Wide : 100 mm (Acétate filament, cotton bleached, polyamide, polyester spun, polyacrylic, viscose.)	
Per roll (10m)	702-368
Per roll (50m)	702-371
Pre-cut 10 x 4 cm – per box (approx. 500)	702-372
Multifiber Style 43 - Wide : 115 mm (Filament Acetate ,SEF (Modacrylic, fire retardant) Bright Filament) , Bleached Cotton , Creslan 61 , (No Optical, Disperse Dyeable (Cationic Dyeable), Polyamide, Polyacrylic, Silk, Polypropylene , Viscose Worsted Wool)	
Pack of 50 m	702-MULTIF43
Polyester Makeweights – AATC : Methods N°8, 35, 42, 70, 116 – 300x300 mm	766-530T

2. MARTINDALE: RESISTANCE TO ABRASION & PILLING

Martindale

Abrasion & Pilling Testing




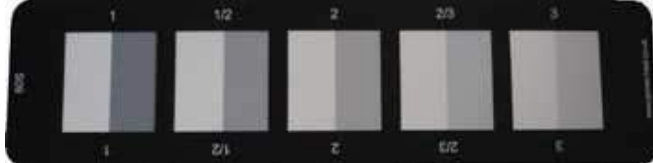

Woven felt pads Complies with EN ISO 12945-2 (Pilling)	
Diameter : 90 mm, per pack (20)	714-611
Woven felt pads Complies with EN ISO 12947-1 (abrasion) and EN ISO 12945-2 (pilling)	
Diameter : 140 mm, per pack (20)	714-612
Woven felt	
Per pack (1m x 1,4m wide)	714-616
Non woven felt pads complies with BS 5690:1988	
Diameter : 90 mm, per pack (20)	714-601
Non woven felt pads Complies with BS 5690:1988	
Diameter : 140 mm, per pack (20)	714-602
Nonwoven Felt	
per pack (3 pieces, each approx. 1.8m x 0.3m)	714-604
Sample retaining rings (Pilling)	
Per pack (10)	356-301
Discs of Polyurethane foam	
Pre-cut. Diameter 38 mm. ± 2000 pieces	786-256
Foam for abrasion test complies with ISO 12947 and NF G 07-221	
Foam dim. 375x250 mm – Per pack (50)	786-255
Pre cut Ø 38 mm - Approx 2000 pieces	786-256

Additional Foils for kit Martindale 30 mm diameter	
Pack of 50, dim. 50,5x50,5 mm	785-507
Silicon Carbide Abradant 180J for EN 530 : 1995 Méthode 1 and EN ISO 5470-2 Méthode 1 & 2 -	
Per roll (50m x 150 mm wide)	701-219
Silicon Carbide Abradant 180J for EN 530 :1995 Méthode 2 and ISO 5470-2 Méthode 2 and EN14325	
Per roll (50m x 100 mm wide)	701-216
Abradant for norme EN 16904-A et -B	
3M Scotch Brite type 7440 Ø 89 mm - Brown – Per 10	789-671
3M Scotch Brite type 7447 Ø 89 mm - Maroon – Per 10	789-674
3M Scotch Brite type 7448 Ø 89 mm – Grey/Brown – Per 10	789-678
Cotton canvas JIS "6. Méth. Toyota TSL2105G part 4.7.2.	
Wide: 914 mm. – Per pack (1m)	JIS6
Martindale Abrasive Cloth SM 25 - EN ISO 12947-1:1999 (abrasion) - EN ISO 12945-2 (pilling – furnishing) - Wide: 1600 mm	
Per pack (5m)	701-202
Per roll (25m)	701-200
Per roll (50m)	701-203
Pre-cut discs dia. 140 mm (per pack 100 pcs)	701-207
Abrasive cloth - Method Test D44 1846 (Martindale), méthode D14-1055 indice F: 2012, PSA 44 1073, NFG 37-110 et STM-C-703 - 55% Polyester/45% laine	
Per pack (5m), laize 155 cm	3049-5
Abrasive Cloth Fabric Volkswagen 80% Wool 20 % Polyamide	
Per pack (1m), wide 1500 mm	701-330
Abrasive Cloth Fabric Volkswagen 70% Viscose 30% Linen	
Per pack (1m), wide 1500 mm	701-331
Oakey Cabinet Quality Glass paper Grade OO Grit 240 complies with EN 943-1 & EN 465-467 protective cloth	
Per pack of 25 sheets 280x230 mm	701-214
Oakey Cabinet Quality Glass paper Grade F2 Grit 100 complies with EN 388 protective gloves	
Per pack of 25 sheets 280x230 mm	701-215
Paper Abrasif Klingspor PL31B Grit 180 Approved by comity Europeen of Normalisation (CEN TC162 WG8 PG2 N036) for norm EN 388	
Per pack of 50 sheets (280 x 230 mm)	701-240
Per pack of 40 pre-cut discs (dia 140 mm)	701-241
Paper abrasif M&S C8 Silicone Carbide Waterproof Paper 280 Grit	
Per pack (50)	701-217

2.1 ACCESSORIES FOR MARTINDALE

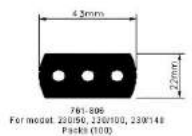
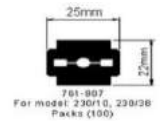
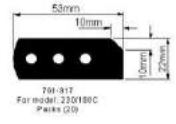
Martindale ball Plate Station Kit : 1 martindale ball plate (525-795), 1 woven Felt Pad (714-610), 1 Template (160mm diam) (525-793), 1 spacer (525-799), 1 Replacement Sample Holder Guide, 1 operator's guide (290-864-2). Test of leather based on Test VDA 230-211 and NF EN ISO 17076-2		794-410
Abrasion Station Kit 1 sample, 1 weight 9 kPa and 1 weight 12 kPa	Martindale Série 900 & 1300	794-620
	Martindale 864, 401, 402, 404 et 406	794-402
Pilling Station kit 1 sample, 1 holding ring et 1 weight 260 g ± 1 g	Martindale Série 900 & 1300	794-517
	Martindale 864, 401, 402, 404 et 406	794-509
Specimen Mounting Mandrel For mounting specimens for the pilling test	Martindale Série 900 & 1300 Martindale 864, 401, 402, 404 et 406	525-256
Preparation Weight of 5.5 kg for Martindale, as described in ISO / DIS 12947-2		526-437
Additional block Spanner for 1600 series Martindale Abrasion and Pilling Testers		526-549
Lissajous Figure Marker Pen – For checking the Lissajous figure according to EN ISO 12947-1		788-761
Lissajous Figure Recording paper – Per pack (50)		788-760
Spare Precision Ball (Black) – For Sock Testing - Per pack (2)		393-254
Spare Precision Ball (Yellow) – For Sock Testing – Per pack (2) 393-256 is only suitable for Sock abrasion station Kits were the inside of the sample Holder is marked « YELLOW BALL ». Otherwise use the black ball.		393-256
IWS Pilling Photographs SM 50 for woven fabrics (Martindale) Test Method 196 - suitable for use with ASTM D4970		766-459

3. GREY SCALE

Grey scale – Approved by Marks & Spencer			
 <p>For assessing change in color - ISO 105 A02</p>		 <p>For assessing staining - ISO 105 A03</p>	
766-200		766-201	
AATCC Grey Scale for color change		Fluorescence Suppressor	
For color change	766-512	Mercury in glass For sample testing in light cabinet	766-479
For staining	766-513		
Color Fastness Testing Mask			
Testing Mask Mask of evaluation for grey scale 2 Windows – Wide : 0,8 mm	766-477		

4. CONSUMABLES FOR WEIGHT OF M²

SAMPLE CUTTER JAMES HEAL		
Model 230/100 100 cm ² - Diam 113 mm Deep of cut : 5 mm Referentie of blades : 761-806	902-220	
Model 230/140 for Martindale 154 cm ² - Diam. 140 mm Deep of cut : 5 mm Referentie of blades : 761-806	902-221	
Model 230/38 for Martindale 12 cm ² - Diam. 38 mm Deep of cut : 5 mm Referentie of blades : 761-807	902-222	
Model 230/10 10 cm ² - Diam. 36 mm Deep of cut : 5 mm Referentie of blades : 761-807	902-225	
Model 230/50 50 cm ² - Diam. 80 mm Deep of cut : 5 mm Referentie of blades : 761-806	902-227	
Model 230/100 (C) For carpet and thick material 100cm ² - Diam 113 mm Referentie of blades : 761-817	902-223	

BLADES FOR CUTTER		
Model 230/140 and 230/100 For cutter James HEAL Rounded edges, 3 holes - Wide: 0,20 mm Per pack (100)	761-806	 <p>761-806 For model: 230/50, 230/100, 230/140 Packs (100)</p>
Model 230/38 For cutter James HEAL Wide: 0,13 mm Per pack (100)	761-807	 <p>761-807 For model: 230/10, 230/38 Packs (100)</p>
Model 230/100 (C) For cutter James HEAL Per pack (20)	761-817	 <p>761-817 For model: 230/100 Packs (20)</p>

CUTTING BOARD	
Cutting board grey for all cutters – Per pack (10) – Dim: 300 x 200 x ep. 10 mm	761-801
Softer soles, lighter (white) – Per pack (10) – Dim: 247 x 198 mm x ep. 10 mm	PE140EV
Set of 3 hard rubber plates - Dim 170 x 170 X 10 mm	SEM17X17

5. KITS

Standard configuration to determine weight per m²



CUTTER

Model 230/100 100 cm² - Diameter 113 mm Depth of cut: 5 mm	902-220
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PRECISION SCALES

Scales OHAUS Modèle TA 152 Range : 150 g Precision: 0,01g Diameter of the tray: 120 mm Connexion USB or RS 232	TA 152
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The scales is delivered with 1 verification weight, 1 mains power supply and 1 folding screen convertible into a weighing platform

Operates on mains or batteries (4 "AA" batteries not included)

Reference : KITMMS

6. THERMAPLATE : Test Materials & accessories

TEST MATERIALS & ACCESSORIES		Stock Code	ISO 105 F01	ISO 105 X11	M&S P010	M&S C13	AATCC 117	AATCC 133	JIS L 0879	JIS 0850	adidas 5.09	GB 6152	GB 5718
● Required ○ Recommended													
Grey Scale for assessing Change in Colour ISO 105 A02		766-200	●	●		●			●	●	●	●	●
Grey Scale for assessing Staining ISO 105 A03		766-201	●	●					●	●	●	●	●
Ruler 300 mm/12 in		772-133			●								
AATCC Chromatic Transference Scale		766-510					○	○					
AATCC Gray Scale for Color Change		766-512					●	●					
AATCC Gray Scale for Staining		766-513					●	●					
CAC with D65			●	●		●	○	○	●	●	●	●	●
CAC with CWF							○	○					
ISO Certificate of Calibration		201-620	○	○	○	○	○	○	○	○	○	○	○
Temperature Measuring Kit (with UKAS Certificate of Calibration)		794-903	○	○	●	●	○	○	○	○	○	○	○
Multifibre Adjacent Fabric DW - per roll (10m)		702-500	●						●				●
Multifibre Adjacent Fabric DW - per roll (50m)		705-502	●						●				●
Multifibre Adjacent Fabric DW - per roll (100m)		702-503	●						●				●
Woven Felt 125 x 90 mm - per pack (10)		702-447		●				●		●		●	
Multifibre Adjacent Fabric Style 10 A - per pack (10m)		702-403					●						
Nominally comply with ISO 105 F Series	Cotton Limbric 125 X 90mm per pack (20) - ISO 105-F02	702-446	○	●			○	●	○	●	○	●	○
	Cotton Limbric Adjacent Fabric - per pack (1m) approx 102cm wide - ISO 105-F02	702-444	○	●			○	●	○	●	○	●	○
	Polyester Adjacent Fabric - per pack (1m) approx. 102 cm wide - ISO 105-F04	702-440	○				○		○		○		○
	Polyester Adjacent Fabric - per roll (10m) approx. 102 cm wide - ISO 105-F04	72-471	○				○		○				○
	Polyamide Adjacent Fabric - per pack (1m) approx. 98cm wide - ISO 105-F03	702-442	○				○		○		○		○
	Polyamide Adjacent Fabric - per pack (1m) approx. 98cm wide - ISO 105-F03	702-459	○				○		○				○
	Silk Adjacent Fabric - per roll (10m) approx. 750 mm wide - ISO 105-F06	702-393	○				○		○		○		○
	Wool Adjacent Fabric - per pack (1m) approx 123 cm wide - ISO 105-F01	702-448					○		○		○		○

7. PILLING

Complies with Pilling Norm ISO 12945

7.1 Spares for Pilling or Snagging Boxes

Moulded Polyurethane pilling tube – complies with ISO 12945-1	
Long : 140 mm – Per pack (4)	758-555
Cork liners for Pilling boxes	
Mounted on steel plates - Per set (6)	794-752
Cork liners for Snagging Boxes	
Mounted on steel plates – Per set (6)	794-746
PVC TAPE	
Rolls of 19 mm wide PVC tape – per pack (10) – color white	789-511
Specimen Mounting Jig (Stand, Tube and Plug)	
Per unit	794-521
Snagging Points for one Plastic Pilling Box	
Per set (6)	511-545



7.2 Spares and Consumables (Snagpod)

Snagging Bar	
Per pack (4)	794-824
Fixing Screws for Snagging Bars	
Per pack (10)	319-152
Felt-covered Polyurethane Tubes	
Per pack (4)	758-554
Pack Locking Rings	
Per pack (20)	758-553
SnagPod Reference Photographs	
Per set (9)	766-455
Specimen Template	772-121
Assessment Mask	766-480



7.3 Spares for Pilling Drum	
Ramp – each	788-743
Liner Supports – per pack (5)	788-742
Polyurethane Pilling Tubes (70.2 II long) – per pack (4)	758-551
Locking Rings – per pack (20)	758-553
Double – sided Adhesive Tape – approx. 25 mm wide x 36 yd long Per pack (10 rolls)	789-513

7.4 Spares for Snagging Kit for Pilling Drum	
Bead Bag – each	785-251
Pinned Bars – each	789-361

7.5 Spares for earlier machines	
7.5.1 Spares for earlier machines with (silver) fabricated metal boxes	
Cork Liners for Pilling Boxes (mounted on steel plates) – Per set (6)	794-752
Cork Liners for Snagging Boxes (mounted on steel plates) – Per set (6)	794-746
Snagging Points for one Metal Pilling Box – Per set (6)	794-747
7.5.2 Spares for earlier machines with (blue) moulded plastic boxes	
Cork Liners for Pilling Boxes (mounted on aluminium plates) – Per pack (6)	794-722
Cork Liners for Snagging Boxes (mounted on aluminium plates) – Per set (6)	794-727
Snagging points for one box – Per set (6)	511-545
7.5.3 Spares for earlier machines with (grey) fabricated plastic boxes	
Cork Liners for Pilling or Snagging Boxes (mounted on aluminium plates) – Per pack (6)	794-722
Cork Liners for Snagging Boxes (mounted on aluminium plates) – Per set (6)	794-727
Snagging points for one box – Per set (6)	396-754

BOX RTPT : PILLING ON R.T.P.T.




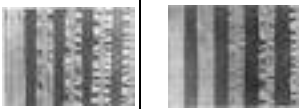




Cork liner Complies with ASTM D3512 DIN 53867 (ISO 12945-3)	
Per pack (50)	393-527
Cork liner (Extra Long) Length 460 mm +/- 1 mm <i>For non-James Heal machines were a slightly longer liner is required.</i>	
Per pack (50)	393-533
Grey cotton sliver	
Per pack – approx 1m	785-509
Neoprene liner For EN ISO 12945-3 and NFG07-121	
Per pack (5)	758-566
Specimen edge glue	
4 bottles – each 180 ml	794-654
ASTM D 3512 Photographic Standards Consists of 5 photographs, 105 mm square, graded no.1 (very severe pilling) to no.5 (no pilling)	
	766-450

8. PHOTOGRAPHIC

Full Set EMPA Photographic Standards	
Full set 3 x 4 mounted photographs for woven fabrics 3 x 4 mounted photographs for knitted fabrics The 4 photographs indicate ratings of 1-2, 2-3, 3-4 and 4-5.	766-451
M & S and BS 5811 : 1979 "Woven" Standard	766-461
M & S "Knitted" Standard Photographs	766-462
BS 5811 : 1979 "Single Jersey" Standard	766-463
BS 5811 : 1979 "Double Jersey" Standard	766-464
IWS Pilling Photographs SM 50 for woven fabrics (Martindale) – test method 196 – suitable for use with ASTM D4970	766-459
IWS Pilling Photographs SM 54 for knitted fabrics (Pilling Box) – test method 152 – suitable for use with ASTM	766-460




9. PHOTOGRAPHS AATCC - Evaluation of seams or crumpledness

Reproduces the appearance of a fabric after repeated washings AATCC Three-Dimensional Smoothness Appearance Replicas <i>Complies with test method AATCC N° 124 and 143 ISO 7768 – ISO 15487 - M & S P91 and P134</i>		
Set of 6 : SA-1, SA-2, SA-3, SA-3.5, SA-4, SA-5	766-492	
AATCC Photographs for single and double Needle seams AATCC Test Method 88 B - ISO 7770 – EN ISO 15487		
Per set (2) - single and double seams	766-493	
Three-Dimensional Crease Appearance Replicas <i>Complies with AATCC Test method 88C and 143 - ISO 7769 - EN ISO 15487 - M & S P134</i>		
Per set (5) : CR-1 to CR-5	766-499	
AATCC Three-Dimensional Wrinkle Recovery Replicas <i>Complies with AATCC Test Method 128 - ISO 9867</i>		
Per set (5) : WR-1 à WR-5	766-494	
AATCC Stain Release Replica - Test Method 130: For evaluation of the performance of soil release finishes in actual use.		
One replica incorporating 5 photographs	766-495	
AATCC Spray Test Rating Chart – AATCC Test Method 22	766-456	
AATCC Uniformity Reference Scale <i>Barre is the optical result of physical or dye differences in yarns, geometric differences in fabric structure or any combination of these. This is a 9-step visual scale for evaluating the intensity of barre. It is used in conjunction with AATCC Test Method 128.</i>		
Per unit	766-515	

10. BALLAST FOR WASCATOR

Ballast – 100% cotton		
Type I (1) – approx. 4 Lb/1.8 kg - AATCC and ISO 6330 Édition 2 (2001) Per pack (16) – size 92x92 cm	702-430	
Type I (1) Complies with AATCC and ISO 6330 Édition 3 (2012) Size: 92 x 92 cm +/- 2 cm - Weight 320 g +/- 10 g Per pack (1Kg) – Delivered with conformity certificate	702-536	
Ballast - 50% Polyester et 50 % Cotton		
Type III (3) – approx. ± 4 Lb/1.8 kg - AATCC and ISO 6330 Édition 2 (2001) Per pack (16) – size 92x92 cm	702-432	
Type II (2) – environ 2 kg – AATCC and ISO 6330 Édition 3 (2012) 8 pieces: 92 x 92 cm - Weight 260 g +/- 10 g	ISOB2	
Ballast 100% Polyester		
100% Polyester - Type 3 Comply with M&S P1A, P1C, P3A, P4, P4A, P4B, P4C, P5, P5A, P6, P7, C15 and EN ISO 6330 :2000/Amd.1: 2008 and EN ISO 6330 : 2012 Pack of 1 kg Size: 210 x 210 mm +/- 10 mm Weight 50 +/- 5 g	702-532	
Polyester Makeweight ISO 6330: 1984, IEC 60456 and AWI/Woolmark TM31		
100% Polyester – Per pack of 1Kg; Size: 300 x 300 mm +/- 30 mm Weight: 35 ± 3g	702-533	
Polyester Makeweight BS EN 26330 : 1994 & ISO 6330 :1984 & Next		
100% Polyester -Per pack of 1 kg Size: 300 x 300 mm +/- 30 mm Weight : ± 40gr	702-530	

11. CONSUMABLES FOR GYROWASH AND WASCATOR

Pots for Gyrowash		
Pots ISO 500 ml / Test Vessel / Canister (type1) - c/w PTFE seal	718-902	
Pots ISO 1200 ml / Test Vessel / Canister (type2) - c/w PTFE seal	718-903	
Non corrodible steel balls complies with ISO 105 C06 - washing		
Diameter : 6 mm, per pack (100)	718-164	
Non corrodible steel discs complies with ISO 105 D01 – dry cleaning		
Diameter : 30 mm, per pack (50)	718-163	
PTFE Seals		
For small test Vessel/Canister . Per set (8)	718-512	
For large test Vessel/Canister. Per set (4)	718-516	
Anhydrous Sodium Carbonate		
Per pack (500g)	706-714	
Multifibre Adjacent Fabric DW – For Test Materials Mark&Spencer		
Per roll (10m)	702-515	
Multifibre Adjacent Fabric DW – For Test Materials ISO		
Per roll (10m)	702-500	

12. DETERGENTS FOR GYROWASH AND WASCATOR

ISO 6330 Reference Detergent Numbers			James Heal Stock Codes		
Detergent	2000	2012	2 kg	15 kg	90 kg
AATCC 1993 WOB	No. 1	No. 1	706-502	706-503	706-766
AATCC 1993	-	No. 1	706-500	706-501	706-765
ECE (A) WOB	No. 2	No. 3	706-652	706-653	-
IEC (A)	No. 3	No. 6	706-666	706-667	-
IEC (A*)	No. 4	No. 2	706-672	-	-
JIS Class 1	-	No. 4	-	-	-
AATCC 2003 Liquid WOB	-	No. 5	-	706-403 3.5 US gallons	-
AATCC 2003 Liquid	-	No. 5	-	706-402 3.5 US gallons	-

WOB = Without Optical Brightener



ECE Détergent A of reference n°3 without phosphate and without optical brightener

Complies with BS EN 6330 : 2001

Per tub (2 Kg)	706-652
Per drum (15 Kg)	706-653

IEC Détergent A of reference n°6 without phosphate and with optical brightener

Complies with BS EN 6330 : 2001, ISO 105 C08 :2002 and C09 :2003

Per tub (2 Kg)	706-666
Per drum (15 Kg)	706-667

IEC Détergent A* (A-Star) of reference n°2 without phosphate en with optical brightener and enzymes

Evaluation of efficacy for washing machines complies with IEC 60456

Per tub (2 kg)	706-672
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Detergent AATCC1993 without phosphate and without optical brightener of reference N°1

Complies with Méthodes AATCC N°96, 99, 135, 150, 160 et 179

Per tub (2 Kg) <u>reference n°1</u>	706-502
Per drum (15 Kg) <u>reference n°1</u>	706-503
Flacon de 13,25 liter <u>reference n°5</u>	706-403

Detergent AATCC1993 without phosphate, with optical brightener

Complies with Methodes AATCC N°96, 99, 135, 150, 160 et 179

Per tub (2 Kg) <u>reference n°1</u>	706-500
Per drum (15 Kg) <u>reference n°1</u>	706-501
Flacon de 13,25 l <u>reference n°5</u>	706-402

TAED (Tetra-acetyethylene diamine) 92% activité

Complies with BS EN ISO 6330 : 2000, BS 1006 UF-TO, BS EN ISO 105 - C08 and M & S C10A

Per pack (250g)	706-735
Per pack (500g)	706-±3

ECE 77 Detergent B with phosphate and without optical brightener

Complies with ISO 105 – C06:1997 & ISO 26330:1994

Per tub (2 Kg)	706-650
Per drum (15 Kg)	706-651

IEC Detergent B with phosphate and with optical brightener

Complies with ISO 6330 :1984, BS EN ISO 26330 :1984 ² and IEC 456

Per tub (2 Kg)	706-654
Per box (15 Kg)	706-655

Programmes ISO 6330:2012

Supplied on two locked memory cards (level control and weight control)

745-075

13. DIMENSIONAL SHRINKAGE

Shrinkage Ruler Complies with BS 4931 & ISO 3759

With perspex	772-143
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Shrinkage template

Shrinkage template - with perspex BS 4931 & ISO 3759	772-123
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Dalo markers

For loosely woven and knitted fabrics

Per pack (6) - Red	788-350
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Markerts EverOn Indelibles – Sold by 6

Noir – Tip 1,5 mm	31201
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Noir – Tip 2 mm	21204
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Jaune – Tip 2 mm	21201
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Markers indelibles Texpens

Markers Texpens

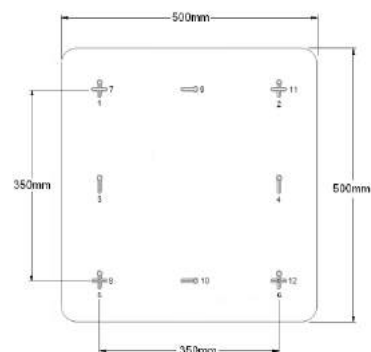
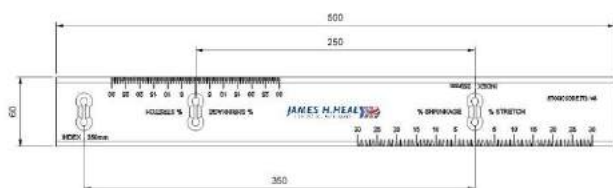
For loosely woven and knitted fabrics

Diameter of the tip: 1,2 mm

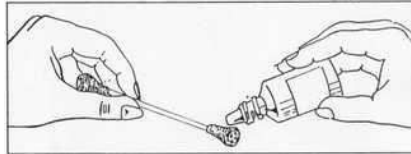
Per pack (12)

YELLOW : 788-303


BLACK : 788-302



14. CHEMICAL PRODUCT

Nickel detection kit	794-549L	
Contains: - 2 bottles of solution (cont. of 20ml/bottle) based on amoniaque (\pm 200 tests). - 100 doubles q-tip, impregnated of dimethylglyoxime (dry)		

14.1 YELLOWING

Glass Plates 100x40x3 mm (ISO 105 X18) – with ground and polished edges		
Per pack (10)	716-813	
Glass Separator Plates 115x60x3 mm (ISO 15701)		
Per pack (10)	716-816	
Acrylic separator plates (ISO 105 E01 E02 E04)		
115x60x approx 1.5mm thick – Per pack (21)	750-604	
Impregnated test papers: 100 x 75 mm		
Per pack (50)	706-720	
Per pack (150)	706-820	
Control fabrics : 100 x 30 mm		
Per pack (25)	706-709	
BHT – Free Polythene Film –63 microns thick pre-cut 400 x 200 mm		PERSPIROMETER REF : 750 – 601 WEIGHT ISO REF : 750 - 602
Per box (100 pieces)	706-792	

14.2 SWEAT TEST

Test Kit for tests ISO 105 Part E04	
For preparation of alkaline and acidic solutions (\pm 200 liters).	706-799
L-Histidine Monohydrochloride Monohydrate $C_6H_9O_2N_3HC1.H_2O$	
Per pack (100 g) - Alkaline & Acidic (706-799 contains 2 of this item).	706-703
Sodium Chloride NaCl	
Per pack (1 kg) - Alkaline & Acidic (706-799 contains 2 of this item)	706-704
Di-sodium Hydrogen Orthophosphate Dihydrate $Na_2HPO_4.2H_2O$	
Per pack (500 g) – Alkaline (706-799 contains 1 of this item).	706-706
Sodium Di-hydrogen Orthophosphate Dihydrate $NaH_2PO_4.2H_2O$	
Per pack (500 g) – Acidic (706-799 contains 1 of this item).	706-705
Narrow Range pH Paper (pH4-7)	
Per reel (706-799 contains 2 of this item)	706-719
Narrow Range pH Paper (pH6-8)	
Per reel (706-799 contains 2 of this item)	706-702

Measuring Cylinder 1000 ml x 10 ml graduations	
Unit (706-799 contains 1 measuring).	716-801
Beaker 1000 ml x 200 ml graduations	
Unit (706-799 contain 1 beaker).	716-802
Spatula	
Unit (706-799 contains 1 spatula).	716-804
Glass rod	
Unit (706-799 contains 1 glass rod).	716-803
Disposable gloves	
Per pack (10)- (706-799 contains 1 pack of 10 glaves).	706-791

15. VERIVIDE

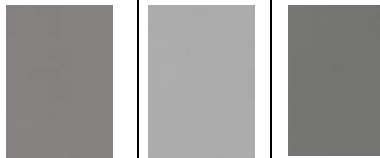
15.1 LAMPS FOR LIGHT CABINET VERIVIDE

CAC 60	
D65°FUV	708-851
D65TL84FUV	708-853
D65TL84F (no UV is supplied with this set)	708-858
D65TL83FUV	708-854
D65TL83FTL84	708-855
D65TL84FTL83	708-856
D65UVBFUV	708-857
D65 T8 Artificial Daylight Tube – 6500K – 18W	709-035
840P15 (formerly TL84) – M&S approved – 4000°K – 18W	709-032
TL83/830 – 3000°K – 18W	709-024
Bulb (40W) – Filament (F) – 2300 – 2800°K	708-961
Ultraviolet Black (UV) – 25mm dia – 18W	708-946
Ultraviolet Black (UV) – 36 mm dia – 20W	708-947
CAC 60-5	
D65TL84TL83FUV	708-888
D65TL84CWFFUV	708-885
D65TL84D75FUV	708-887
D65TL84UVAH	709-709
Cool White (CWF) – color 33 – 4200°K – 18W	708-955
Bulb (40W) – Filament (F) – 2300 – 2800°K	708-961
Ultraviolet Black (UV) – 25mm dia – 18W	708-946
Ultraviolet Black (UV) – 36 mm dia – 20W	708-947
CAC 120	
D65°FUV	708-861
D65TL84FUV	708-863
D65TL83FUV	708-864
D65TL83FTL84	708-865
D65TL84FTL83	708-866
D65UVBFUV	708-867
D65 T8 Artificial Daylight Tube – 6500K – 36W	709-036
840P15 (formerly TL84) – M&S approved – 4000°K – 36W	709-033
TL83/830 – 3000°K – 40W	708-942
Bulb (40W) – Filament (F) – 2300 – 2800°K	708-961
Ultraviolet Lamp (Slimline) – 36W	709-027
CAC 120-5	
D65TL84TL83FUV	709-711
D65TL84CWFFUV	708-174
Cool White (CWF) – color 33 – 4200°K – 40W	708-953
Bulb (40W) – Filament (F) – 2300 – 2800°K	708-961
Ultraviolet Lamp (Slimline) – 36W	709-027
CAC 150	
D65°FUV	708-871
D65TL84FUV	708-873
D65TL83FUV	708-874
D65TL83FTL84	708-875




D65TL84FTL83	708-876	
D65 T8 Artificial Daylight Tube – 6500K – 58W	709-037	
840P15 (formerly TL84) – M&S approved – 4000°K – 58W	709-034	
TL83/830 – 3000°K – 65W	708-943	
Bulb (40W) – Filament (F) – 2300 – 2800°K	708-961	
Ultraviolet Lamp (Slimline) – 36W	709-027	
CAC 150-5		
D65TL84TL83FUV	709-714	
D65TL84CWFFUV	709-713	
Cool White (CWF) – color 33 – 4200°K – 65W	708-954	
Bulb (40W) – Filament (F) – 2300 – 2800°K	708-961	
Ultraviolet Lamp (Slimline) – 36W	709-027	

15.2 PAINTING

Emulsion paint color Munsell n° 5 (dark grey)		
Per container (0,5 liter) Color standard textile	707-101	
Emulsion paint color Munsell n° 7 (light grey)		
Per container (0,5 liter) Color standard Amérique (marketing)	707-102	
Emulsion paint color - Standard grey 55±-		
Per container (0,5 liter) Color standard Mark & Spencer (Royaume-Uni)	707-100	N5 N7 5574
Maintenance Kit Contains : Tin (0,5 ltr) Paint, Paint roller and frame, plastic roller tray, Paint brush, Sandpaper, 2 anti-static moist cleaning wipes, dry wipe cleaning cloth and protective gloves and apron.		
Maintenance Kit containing G5574 / 14.40 D paint		707-190
Maintenance Kit containing « Munsell N°5 » paint		707-191
Maintenance Kit containing « Munsell N°7 » paint		708-192

15.3 TABLE

Variable Angle Tilting Table		
Dimensions : 590x215x300 mm (L*h*w) Viewing Surface: 530x300 mm (L*I)	708-891	
45° Fixed Angle Table (M&S)		
Dimensions : 530x225x210 mm (L*h*w) Viewing Surface: 530x300 mm (L*I)	708-892	

16. COLOR RESISTANCE TO FRICTION FOR CROCKMETER

Crocking cloths 5 x 5 cm complies with ISO 105 X12 – Approved by Marks & Spencer	
Per pack (500) - 110g/m ² ± 5g/m ²	702-540
Crocking cloths 5 x 5 cm complies with AATCC TM8	
Per pack (1000) - 100g/m ² ± 3g/m ²	702-424
METHOD OF TEST PSA-RENAULT AUTOMOBILE D45 1010	
Crocking cloths 5 x 5 cm complies with Method D45 1010	
Complies with ISO 105 X12 115 g/m ² ± 5 g/m ² - Per pack (100)	702-540
Non adhesive crocking cloths Diam: 16 mm, density : 250 g/m ² (+/- 10%) Thickness : 1 mm +/- 10 %	
Per pack (1000)	701.FROTT-R/U
Adhesive crocking cloth Diam: 16 mm, density : 250 g/m ² (+/- 10%) Thickness : 1 mm +/- 10 %	
Per pack (1000)	701.FROTT-RONA



CROCKMETER MANUEL
With digital counter



COLOR RESISTANCE TO AGING

LAMP MBU FOR MICROSOL

Complies with ISO 105-B01 with adaptor from E40 to E39

Per unit	794-740
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LAMP XENON for Suncheck, Suntest and solarbox

1500W lifetime 1500h	S540
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2500W lifetime 1500h	S560
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17. ABRASIMETRE SOLES

Elastomer reference n° 1

Standard rubber sheet complies with DIN 53516 and ISO 4649 Annexe B.2

Dimensions 186 x 186 x 8 mm – Weight 380g	E001B
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Elastomer reference n° 2


Standard rubber sheet Complies with DIN 53516 and ISO 4649 Annexe B.3

Dimensions 345 x 120 x 3 mm – Weight 380g	E003B
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Abrasive paper for drum Complies with DIN 53516 and ISO 4649

Dimensions 402 x 474 mm – Weight 210 g – price per sheet	E002B
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	BURST TESTS (TRUBURST)	
	Reinforced Diaphragms (1 mm)	
	Per pack (10)	777-133
	Reinforced Diaphragms (1,5 mm)	
	Per pack (10)	777-135
	Low Pressure Diaphragms (0.2mm thick) - per pack (10)	
	Per pack (10)	777-150
	Membranes for brighnessometer Adamel Lhomargy (1,05 mm)	
	For cloth, set of 5 membranes	361254

18. COLOR RESISTANCE TO LIGHT

One set included 8 standard blue wools graduated from 1 (low light fastness) to 8 (high lightfastness). Standards are dyed with choice and individually, the wool is dyed to match with a set of dominant standards, respecting colors and fading characteristics.

Blue Wool for standard light complies with ISO 105B02

Tests for color fastness to light

Pieces of 230 x 150 mm

Game of 8 pieces N° 1 to 8	766-310
ISO Blue Wool Standard No. 1	766-311
ISO Blue Wool Standard No. 2	766-312
ISO Blue Wool Standard No. 3	766-313
ISO Blue Wool Standard No. 4	766-314
ISO Blue Wool Standard No. 5	766-315
ISO Blue Wool Standard No. 6	766-316
ISO Blue Wool Standard No. 7	766-317
ISO Blue Wool Standard No. 8	766-318

ISO Blue Wool Standards n°1 to 8 - complies with ISO 105-B02

Pre-mounted 10 mm wide strips on card

Per pack (10 cards)

Card size: 135 x 45 mm

	766-820
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ISO Humidity test control fabric – complies with ISO 105-B02

Per pack (250 x 150 mm)

	766-476
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Set of 3 stainless steel bars
to partially cover the samples and hold them during the test

Set of 3 bars - steel inox

	S200BARS/U
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OBA – Free White Specimen Cards - 135 x 45 mm

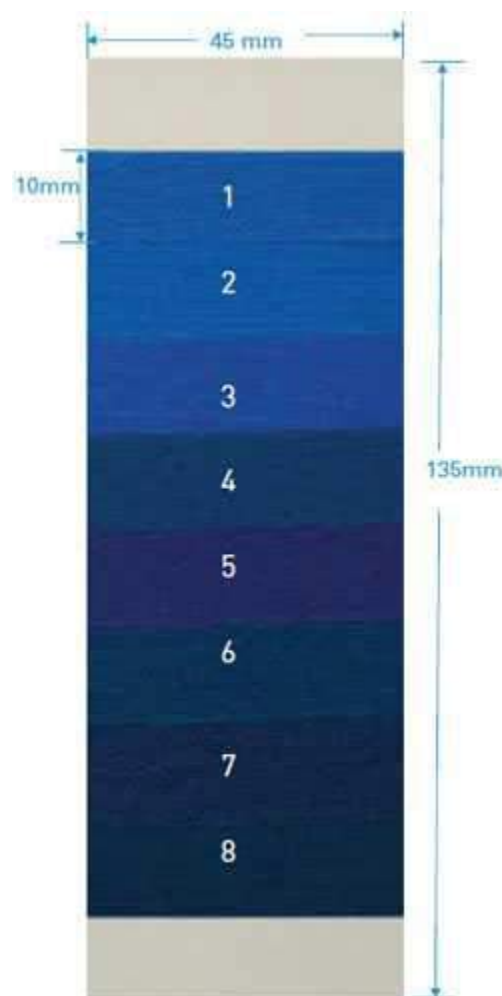
Per pack (500)

	766-570
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Grey Scale for Assessing Change in Color ISO 105 -A02

Per unit


	766-200
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19. CONTROL FABRICS

Perborate sensitive fabrics complies with norme ISO 105 C06 (B2) and M & S C10	
Perborate Sensitive Fabric P1 - Wide 1570 mm – Per pack (1 m)	702-390
Perborate Insensitive Fabric P2 - Wide 1570 mm – Per pack (1 m)	702-391
Control fabrics ISO 105 G01-02 (ruban viscose) For tests GAS Fading approved by AATCC. In rol of 50 yards x 2.5 cm & fabrics to evaluate the degradation.	GFC-UNIT
ISO G01 – CHROMSEAL 9001. Sold by set of 25 pieces	S-CHROMSEAL
Control fabrics with special artificial stain (EMPA)	
Cotton fabric with stain IEC black from carbon/ mineral oil	106 EMPA
Cotton fabric with stain IEC black from carbon/ olive oil	101 EMPA
Fabric mixte polyester 65/cotton with stain black from carbon / olive oil	104

20. FLAMMABILITY TEST

Marker thread (46.5 tex)		
Per pack (2 x 500 m)	785-504	
Filter papers 460 x 570 mm		
Per pack (100)	789-515	
Filter papers 580 x 580 mm		
Per pack (500)	789-527	
789-527 is applicable to the following standards : EN 1102 : 1996 EN 1103 : 1996 EN 13772 : 2003 Otherwise, use 789-515		
Ignition Fabrics Pre-washed, pre-cut (50 x 20 mm) For EN 13772		
Per pack (500)	702-472	
Wooden Crib, Ignition Source 5, 17 ± 1g, Softwood, Scots Pine (Pinus sylvestris)		
Per box (105)	785-550	
Wooden Crib, Ignition Source 7, 126±4g, Softwood, Scots Pine (Pinus sylvestris)		
Per box (24)	785-552	
<i>Cribs are used for testing upholstery for non-domestic use. They comply with the following standards : BS 5852, BS5852-2, BS5815-3, BS1892-2, BS 7175, BS 7176, BS 7177, FTS6, BS 6807, EN 597-2, NHS Firecode and others</i>		
Burnst complies with BS 5438 :1989 tests 2A and 2B - BS EN 1101 :1996 (80x80 mm) - BS EN 1101 :1996 (200x80 mm) - BS EN 1102 :1996 - BS EN 1103 :1996 - BS EN 13772 :2004 - BS EN ISO 6940 :1995 (80X80 mm) - BS EN ISO 6940 :1995 (200x80 mm) - BS EN ISO 6940 :2004 - BS EN ISO 6941 :2003 - BS EN ISO 15025 :2002 tests A and B		

21. REFERENCE FABRIC “STANDARD MATERIALS” (SM)

SM reference materials have been developed in collaboration with WOOLMARK and are mainly used for IWS test methods. These products are manufactured under the control of James HEAL and are part of HEAL's « Assured Quality Consumables » range.

SM12 (100% no treated wool fabric) <ul style="list-style-type: none"> Used by washing machine and detergent producers Used to check the washing machine regarding IEC 60456 Used to check the wool cycle of washing machine 					
Per pack of 5m					701-332
SM13 (Wool Fabric – against shrink) <ul style="list-style-type: none"> Regular withdrawal rate Used to evaluate mechanical action and removal 					
Per pack of 5m					701-402
SM 25 Martindale Abrasif Cloth SM 25 complies with EN ISO 12947-1: 1999 (abrasion EN ISO 12945-2) Wide : 1600 mm					
Per pack of 5 m					701-202
Per roll (25m)					701-200
Per roll (50m)					701-203
SM25 Pre-cut Discs of Martindale Original Abrasive Cloth complies with EN ISO 12947-1					
140 mm diameter Per pack (100)					701-207
SM29 (Knitted wool treated against shrink Hercosett) complies with Woolmark TM 240/300 <ul style="list-style-type: none"> Used to evaluate color fastness to detergents and bleaching agents. 					
Wide 430 mm Per pack of 1m					702-392
SM29 (Knitted wool against shrink Hercosett) complies with Woolmark TM 240/300. <ul style="list-style-type: none"> Used to evaluate color fastness to detergents and whiteners 					
Wide 700 mm Per pack of 1 m					702-458
SM38 (Wool fabric treated against shrink) <ul style="list-style-type: none"> Product developed specially for Woolmark Used to determinate the drum drying cycle 					
Per pack of 5 meter					701-404
SM30 Perborate Sensitive Fabric P1 complies with ISO 105 C06 (B2) and M&SC10					
Wide 1570 mm Per pack of 1 m					702-390
SM30 Perborate Insensitive Fabric P2 complies with ISO 105 C06 (B2) and M&SC10					
Wide 1570 mm Per pack of 1 m					702-391
SM53 (Wool fabric untreated) N°1 <ul style="list-style-type: none"> Products developed specially for Woolmark Used to test detergents and bleaching agents (Woolmark TM240) 12 shades numbered from 1 to 12. Per pack (1 meter) 					
N°1 = 701-208	N°7 = 701-231	N°3 = 701-211	N°9 = 701.233	N°5 = 701-213	N°11 = 701-235
N°2 = 701-210	N°8 = 701-232	N°4 = 701-212	N°10 = 701.234	N°6 = 701-230	N°12.= 701-236

22. PANTONE RANGE FASHION + HOME

Collection for paper support



◀ Color guide-paper

Classified by color family, this color range of paper, with more than 2.3610 colors was designed for portable use. Each color has a numerical reference and an inspiring color name.

FHIP210

Color specifier paper ▶

FHIP230



This new edition of Color Specifier & Guide Set present the 2 310 Colors FASHION, HOME + INTERIORS available, that were created from new, more environmentally friendly formulas.

They are accompanied by a new PANTONE color suffix: TPG (Textil Paper - « Green » (environmentally friendly)).

Ability to renew your Color Specifier Paper pages according to your needs.

Support Chromatique (électronique)



RM200-PT01

◀ Capsure

Compact, portable device that allows you to measure and match color shades instantly with reliability. Designed for fashion, home, interior, industrial design and computer graphics professionals, Capsure accurately identifies the color shade of all materials, fabrics and surfaces, and finds it an equivalent amongst the different PANTONE color libraries.

Color Manager Software

PANTONE Color Manager software automatically updates the PANTONE color libraries available in QuarkXPress®, Corel®, and Adobe® Creative Suite® graphics applications. PANTONE Color Manager provides access to all PANTONE colors. (For Macintosh OS X 10.2 minimum and Microsoft Windows 2000 or XP)

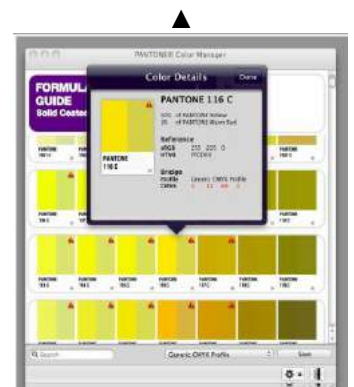


MEU115



◀ Color Munki Design

Screen and printer calibrator.
Tune in your monitor and printer: ColorMunki is the first affordable all-in-one device for your color needs.



FSX101

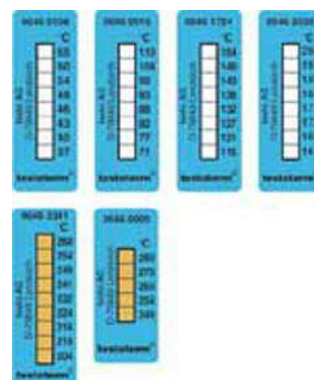
Support Cotton		
	<u>Cotton Swatch Library 5cm x 5 cm</u>	FHIC 100
	<p>2,310 colors covering a wide range of shades in each color family cleverly displayed to enhance the visualization and organization of pallets. The Pantone Cotton Swatch Library is composed of seven volumes that fit in a volume holder design and protector.</p>	
	<u>Cotton Chips Set 2,5 cm x 2,5 cm</u>	FHIC400
	<p>Chromatic presentation of the 2.310 Pantone colors on « 1x 1 » cottons amples. The samples are easily removed from their notebook for easier color selection. The collection is presented in two volumes.</p>	
	<u>Cotton Passport 2,5 x 1 cm</u>	FHIC200
	<p>This compact and portable book (12.7 x 20.3 cm) contains all colors, or 2.310, in the form of cotton samples, particularly practical thanks to its manufacture in accordion, foldable and unfoldable at will. New color scheme for intuitive selection and easy to consult</p>	
	<u>Cotton Planner 1cmx1cm</u>	FHIC300
	<p>Organized according to a chromatic model by color family, this compact reference volume contains more than 2.310 tablets in a single workbook. New color scheme for intuitive selection and easy to consult.</p>	
	<u>Nylon Brights Set</u>	FFN100
	<u>Swatch Cards Nylon Brights 10cm x 10cm</u>	SWCDXTN
	<p>21 fluorescent colors, hot and flash available in Swatch Card individual or full range on support ring</p>	
	<u>Swatch Cards 10 cm x 10 cm</u>	SWCDX SMART
	<p>Individual double-layer fabric available for 2,100 Pantone colors that provide an accurate way to choose, specify, control and communicate color choices. The double-fold fabric measures 10 x 10 cm. Or, unfolded, 10 x 20 cm. Each card is composed of four bands with name and color reference so that a sample can be cut.</p>	

23. THERMO-RIBBONS

Thermo-ribbons in 10 piece notebooks

Different temperature range

+37°C à +65°C	646-0108
+71°C à +110°C	646-0916
+116°C à +154°C	646-1724
+161°C à +204°C	646-2532
+204°C à +260°C	646-3341



24. MAGNIFYING GLASS

Magnifiers – Black Metal

10 x 10 mm - x 9 – Double lens – Graduation in steps of 1 mm	1209-WZ3
15 x 15 mm - x 8 – Double lens – Graduation in steps of 1 mm	3408-WZ3
25 x 25 mm - x 6 – Double lens – Graduation in steps of 1 mm	1006-WZ3
Magnifying glass magnification x8 <ul style="list-style-type: none"> • Axis : 0-20 mm • Graduation : 0.1 mm • Grey metal with case 	
For right-handed	3408-WZ3-S-R
For left-handed	3408-WZ3-S-L



Microscope magnifier

Measured 3 mm – Field of 3.3 mm x 25	2008-25
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Illuminated magnifiers on a heavy base

Lens : 19 x 16 cm Magnification : 5 dioptries Lighting : 2 x 9 w – 220 V	900011
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25. TEST OF RESISTANCE OF SEAMS

Fil EPIC Polyester M & S P12 and 13936-1 and 2 : 2004

Tex 21 - (10 x 1000 meters) – color : white 1700	EPIC150
Tex 24 - (10 x 1000 meters) – color : white 1700	EPIC120
Tex 30 - (10 x 1000 meters) – color : white 1700	EPIC100
Tex 40 - (10 x 500 meters) - color : white 1700	EPIC80
Tex 50 - (10 x 1000 meters) - color : white 1700	EPIC60
Tex 80 - (10 x 1000 meters) - color : white 1700	EPIC40
Tex 105 - 10 x 300 meters) - color : white 1700	EPIC30

Adoucissant M & S P12

Per container (5litres) Standard Fabric Conditioner	706-680
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26. MEASURING THE RATE OF FAT – RAPID OIL EXTRACTION UNIT

Cups for Rapid Oil

Per pack (50)	ROESTY
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27. ABRASIMETERS SOCKS

Shoe pads

Per pack of 20 pads of 50 mm (1 ml)	ABRASIM-PA
Per pack of 20 pads of 50 mm (1 ml)	ABRASIM-PA

28. AUTOMOTIVE ABRASIMETER

According to the PSA Renault test method

(D44 1073 / D44 1846 Martindale) and the norme STM-C-703

Abrasive cloth (55% Polyester/45% laine) according to D44 1846 (Martindale), NFG 37-110, PSA D44 1073 and PSA D47 5530	
Per pack (5m) – Laize 155 cm	3049-5
Woven felt pads 100% wool – According to Test method PSA Renault D44 1073 (tests on TPE and leather) laize 145 cm - ecru	
Per pack (5m) - Laize 145 cm – Écru	41LN1/5
White felt bands - Density 0,360 g/cm ³ - Long : 1 mètre - Wide : 90 mm, Thickness : 8 mm +/- 10%	
Price per piece - Minimum of order : 4 pieces – Livred with conform certificate	B-PLB36/4
Polyurethan foam - Complies with D44 1073 and D45 5600 (Linting) - 25 Kg/m ³ +/- 3	
Price per tray – Tray of 1000 x 1500 x 10 mm	PU25N



Rue de Liège, 30 – 4800 Verviers, Belgique

Tel : 087/29.10.30.

Fax : 087/23.24.50

Mail : centner@centner.be