
**Graphic technology — Vocabulary —
Part 3:
Printing terms**

*Technologie graphique — Vocabulaire —
Partie 3: Termes d'impression*



Reference number
ISO 12637-3:2009(E)

PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.



COPYRIGHT PROTECTED DOCUMENT

© ISO 2009

The reproduction of the terms and definitions contained in this International Standard is permitted in teaching manuals, instruction booklets, technical publications and journals for strictly educational or implementation purposes. The conditions for such reproduction are: that no modifications are made to the terms and definitions; that such reproduction is not permitted for dictionaries or similar publications offered for sale; and that this International Standard is referenced as the source document.

With the sole exceptions noted above, no other part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 12637-3 was prepared by Technical Committee ISO/TC 130, *Graphic technology*.

This first edition cancels and replaces ISO 12637-5:2001, of which the terms and definitions have been incorporated.

ISO 12637 consists of the following parts, under the general title *Graphic technology — Vocabulary*:

- *Part 1: Fundamental terms*
- *Part 2: Prepress terms*
- *Part 3: Printing terms*
- *Part 4: Postpress terms*

Introduction

Documentation gives rise to numerous international exchanges of both intellectual and material nature. These exchanges often become difficult, either because of the great variety of terms used in various fields or languages to express the same concept, or because of the absence or the imprecision of useful concepts. To avoid misunderstandings due to this situation and to facilitate such exchanges, it is advisable to select terms to be used in various languages or in various countries to express the same concept and to establish definitions providing satisfactory equivalents for the various terms in different languages. The purpose of this part of ISO 12637 is to provide definitions that are rigorous, uncomplicated and which can be understood by all concerned.

This part of ISO 12637 contains terms and definitions of printing technology and addresses printing systems and processes.

Graphic technology — Vocabulary —

Part 3: Printing terms

Scope

This part of ISO 12637 defines terms for printing systems and processes.

Terms and definitions

1

analogue copying machine

image-producing device that operates by transferring the original image via a lens onto a photosensitive substrate and creates a visual image by utilizing electrophotographic or other means

2

anilox cell

engraved, etched, ablated or otherwise created recession in the anilox roller to contain the ink to be transferred to the printing forme

3

anilox roller

cylinder with evenly distributed cells generally mounted on a flexographic printing press to transfer a controlled quantity of ink to the printing forme

4

anti-setoff powder

anti-setoff spray powder
particles sprayed onto a printed surface to prevent ink set-off

5

aperture size

aperture width
<screen printing> distance between two adjacent warps or weft wires (strands, threads) measured in the projected fabric level

6

back printing

reverse printing
printing on the underside of a transparent film so that a readable image is visible on the top side

7

back-up cylinder

roll which holds down the small diameter impression cylinder to prevent bending

8

bearer

hardened steel ring mounted on both sides of the impression, blanket and plate cylinders which is the true pitch circle diameter of the gear cylinders

9

bias roller transfer

support for the rubber blanket that acts as the intermediate carrier of the original images from the forme to the substrate

10

blanket

〈offset printing〉 elastomeric image carrier that transfers original images from the printing forme to the substrate in offset printing

11

blanket cylinder

rolling rubber blanket in contact with the plate cylinder of an offset press which transfers the inked image to the substrate carried by the impression cylinder

12

blanket-to-blanket web offset printing

process in which sets of plate and blanket cylinders simultaneously print on both sides of the substrate with each blanket cylinder acting as the impression cylinder for the other

13

bleeding

〈ink〉 penetration or migration of substances from the ink film into or onto a substrate, during or after printing, causing an overlap of colours

14

blocking

condition that occurs when layers of printed substrates stick together

15

capsule toner

〈electrophotography〉 colorant carrier, designed for low temperature melting that is formed by a low melting, point resin with a hard shell

16

carrier

〈electrophotography〉 magnetic beads transporting toner particles to the photoconductor used in a multi-component dry electrophotographic developer

17**channel**

⟨gravure printing⟩ area that links two adjacent cells in electromechanical engraving of pyramid-shaped cells in circumferential direction

18**charge transfer**

⟨electrophotography⟩ process in which colorant particles are conveyed from the photoconductor to a substrate by corona treatment

19**charging roller**

charge roller

⟨electrophotography⟩ roller that applies a static charge to the photoconductor prior to imaging

20**clogging**

⟨flexo printing⟩ filling of the anilox cells with dried ink remains

21**clogging**

⟨ink jet printing⟩ blockage of printer head

22**coating thickness**

⟨screen printing⟩ difference between the screen-printing stencil thickness and thickness of mesh

23**conductive brush charging**

⟨electrophotography⟩ process that uses electroconductive fibres tied together in brush form, the ends of which are then brought into contact with a photosensitive surface and charged with DC voltage

24**corona transfer**

⟨electrophotography⟩ process of electrostatic charging of photoconductors and substrates by passing them under a thin, high voltage wire

25**crawling**

insufficient wetting of the print substrate by the printing ink

26**creep**

tendency of a printed image to drift out of register or position

27
cylinder press
printing press with a moving flat bed that holds the forme while a fixed rotating impression cylinder provides the pressure

28
dampening system
device that wets the printing forme prior to the inking rollers

29
deflection electrode
(continuous ink jet printing) electrode that determines the trajectory direction of charged ink droplets

30
direct stencil
(screen printing) stencil produced on the screen-printing carrier

31
direct-indirect stencil
(screen printing) stencil with which the direct and the indirect production methods are combined

32
doctor blade
blade that wipes the excess (surface) ink from a gravure cylinder or anilox roller before printing or the excess coating from a cylinder during finishing operations

33
doctor roll
fountain roll in a flexographic press

34
dot area
percentage of the surface which appears to be covered by a single colour

35
double sheet detector
device on a sheet-fed press that can be set to automatically stop the feeding action when the sheet separation unit of a feeder picks up two or more sheets simultaneously

36
dry back
change in colour, gloss or density of an ink film as it dries and penetrates the substrate

37
dryer tunnel
compartment through which the substrate passes for final drying after printing

38**dye ink**

ink containing a colorant in dissolved form

39**effective squeegee angle**

⟨screen printing⟩ angle between the blade and the forme when pressure has been applied

40**feathering**

spreading of particles from the ink film onto the substrate, creating an irregular larger image

41**fill in**

plugging

undesired effect in which small non-image areas are filled by ink

42**flooding**

flow coating

flood coating

flood pulling

⟨screen printing⟩ filling the openings of the screen-printing forme with printing ink before the printing process

43**flooding**

flow coating

flood coating

flood pulling

⟨gravure printing⟩ condition where the ink volume is so great that the image of the individual cells is no longer visible

44**flooding**

flow coating

flood coating

flood pulling

⟨offset printing used in lithography⟩ excess water on the printing plate or in the ink caused by improper ink and/or water balance

45**forme roller**

ink or dampening roller that directly contacts the printing forme

46**fountain solution**

dampening solution

mixture of water and chemical agents used to wet the lithographic forme

- 47**
frame height
<screen-printing> distance of the frame above the substrate for the correct screen release
- 48**
gear mark
irregular density that appears at regular intervals as bands in half-tones and solids parallel to the gripper margin of the sheet
- 49**
ghost image
undesirable, faint printed images appearing on substrates where they are not intended to be reproduced
- 50**
grain
<plate> roughened or irregular surface of a printing plate
- 51**
gravure cell
engraved, etched, ablated or otherwise created recession in the gravure cylinder to contain the ink to be transferred to the substrate
- 52**
gravure cylinder
printing forme with an engraved pattern used in the gravure process, directly resulting in the printing image after inking in a gravure press
- 53**
half-tone gravure
printing process in which the ink-receptive cylinder cells are produced to vary in surface area and depth
- 54**
halo
irregular outline that appears around printed characters and/or images, especially in relief forme printing, flexo and letter press printing
- 55**
hickey
imperfection on a printed sheet caused by unwanted particles that cling to the image carriers during lithographic or letterpress printing
- 56**
image area
part of the printing area on which ink is laid down

57**impression bar**

small diameter rod or bar supported by another part of sufficient rigidity used in place of the impression cylinder for running delicate substrates

58**impression cylinder**

device which presses the substrate against an inked image carrier transferring the original image to the substrate

59**indirect stencil**

⟨screen printing⟩ stencil that, after its production, is attached to the screen-printing stencil carrier

60**ink-absorbing layer**

coating layer on a substrate to provide a quality image without irregular bleeding

61**ink consumption**

⟨screen printing⟩ wet volume of a certain printing ink required for printing with a certain printing forme

62**ink-ejecting heater**

tiny heater plate located in the pressure chamber of the thermal ink jet printer head

63**ink fountain**

pan on a printing press that holds the ink supply to be transferred to the inking system

64**ink rest**

area on the upper surface of the screen-printing forme outside the printing area

65**ink trail**

⟨screen printing⟩ area on the surface of the screen-printing forme outside the printing area

66**ink transfer**

amount of ink supplied to a substrate as expressed in a percentage of the total ink available

67**in-line press**

combination of modular printing and converting units

68
inner frame dimension
<screen printing> inner length and width of the area enclosed by the screen-printing frame, excluding all parts firmly attached to the frame

69
keyless offset
inking mechanism of an offset press in which an ink metering roller is used instead of adjustment keys for controlling the ink flow

70
laser printer
<electrophotography> digital electrophotographic printer using a laser to form the image

71
laser thermal transfer
printing process employing a high-energy laser beam to transfer colorant from transfer layer to a substrate with the use of physical and/or physicochemical phenomena such as sublimation

72
magnetic-brush developing device
<electrophotography> device that transfers toner particles to charged areas of a photoconductor in dry toner systems and some of magnetographic printing systems

73
magnetic printer
printer in which a magnetic print head transfers an image to a magnetized drum that picks up toner with the opposite magnetic polarity and transfers it to the substrate to form the printed image when the drum is demagnetized

74
make-ready
preparation process and operations in which adjustments are made to the press to ensure a satisfactory printed image on the substrate

75
mass tone
colour of an ink in bulk which has sufficient thickness to hide the substrate colour such as ink in a can or thick-layered ink film

76
mesh count
<screen printing> number of threads per unit length in a screen mesh

77
mesh elongation
<screen printing> increase in length or width of the mesh due to applied force during the print operation

78**mesh tension**

⟨screen printing⟩ tensile force with which the screen-printing stencil carrier strains the screen-printing frame

79**misting**

undesirable mist or fog of tiny ink droplets released off the printing press during printing and idle rotation of the ink distribution rollers

80**mottle**

cloudy or uneven appearance of printing, mostly in the solid areas

81**non-contact fusing**

⟨electrophotography⟩ technique that uses heat transfer via radiation and/or convection to perform a heat fusing process without having the heat source directly contact the toner

82**off-contact distance**

⟨screen printing⟩ distance between the lower side of the screen-printing forme and the printing substrate when ready to print

83**oil-less fusing**

⟨electrophotography⟩ means to thermally fix a toner without using release oil in such a way to disperse the toner in a polypropylene or polyethylene wax which bleeds on the toner surface, producing a release effect upon being heated at the time of fusing

84**OK sheet**

OK print

during production printing, the sheet singled out as a reference for the remaining production

NOTE Adapted from ISO 12647-1:2004, definition 3.26.

85**open mesh area percentage**

⟨screen printing⟩ ratio of the total area of all mesh openings to the total screening surface area, expressed as a percentage

86**open stencil area**

⟨screen printing⟩ sum of printing stencil area of all image elements to the printing stencil

87**orifice plate**

metal plate containing tiny nozzles in a thermal ink jet printer head

88
outer frame dimension
<screen printing> length and width of a screen-printing frame measured over all those parts belonging to the frame in the projected frame level

89
overprint
condition where one or more layers of colorant, usually ink, are printed on top of another
[ISO 13656:2000, definition 3.18]

90
packing
underlay material placed under the blanket to adjust the effective thickness of the blanket on press
[ISO 12636:1998, definition 2.8]

91
peeling time
total amount of time required from first heat application to the ink ribbon until release of the ribbon from the ink with carrying material in the thermal transfer process

92
permanent head
mechanical or electrical part of a printer that generates ink droplets continuously and/or intermittently

93
pick
rupture of the surface of a paper or board during printing which occurs when an external tensile force is applied to the surface

NOTE 1 In the case of coated papers, the rupture can take the form of particles of coating or fibres wholly or partly detached from the sheet, blistering of the surface or gross stripping. In the case of uncoated papers, the rupture normally takes the form of the removal of fibre aggregates and is difficult to determine due to the paper surface structure, since the visual assessment is easily influenced by human factors.

NOTE 2 Adapted from ISO 3783:2006, definition 3.1.

94
piezo ink jet system
drop-on-demand ink jet printing process whereby droplets are ejected from tiny ink chambers by physical deformation of the ink chamber wall

95
piling
build-up of debris such as paper, dust, ink and so forth on the offset blanket and/or plate to a degree which impairs print quality

96**plate cylinder**

supporting device which carries the printing forme

97**pressure fixing**

⟨electrophotography⟩ method of fixing the toner image atop a paper substrate by passing the substrate between rollers where to pressure is applied

NOTE The pressure is generally between 20 kg/cm to 40 kg/cm, and the toner is made with materials whose viscosity decreases when pressure is applied.

98**printing area**

length and width of area in common to the image carrier and substrate available to the printed image

99**printing side**

⟨screen printing⟩ side of the screen-printing forme from which the printing ink is applied to the substrate

100**radiant fusing**

⟨electrophotography⟩ means of toner fusing based on heat injection by a quartz lamp with a 2 500 K filament

101**relative mesh elongation**

⟨screen printing⟩ mesh extension divided by the original mesh length

102**relative screen volume**

⟨screen printing⟩ total volume enclosed by the mesh and the thickness of the stencil divided by the total surface of the mesh

103**release layer**

layer that assists the release process in the ink layer formed between the thermal ink ribbon holder and the thermal ink layer

104**roller stripping**

failure of ink to adhere to the inking roller

105**rotary screen printing**

⟨screen printing⟩ screen-printing procedure in a cylindrical form

NOTE Since the rotary forme rotates synchronously with the substrate, a seamless pattern can be printed.

106

screen

⟨screen printing⟩ carrier with regular openings of the same size

107

screen-printing forme

⟨screen printing⟩ image carrier used in screen printing

108

screen-printing frame

⟨screen printing⟩ device that holds and fixes the screen-printing stencil carrier

109

screen-printing stencil

⟨screen printing⟩ blocking layer on or in the screen-printing stencil carrier making the screen impermeable in the non-image areas

NOTE Together, the screen-printing stencil and the screen-printing stencil carrier constitute the screen-printing forme and can be manufactured from the same material.

110

screen-printing stencil carrier

⟨screen printing⟩ part of the printing forme where the stencil is mounted

NOTE Together, the screen-printing stencil carrier and the screen-printing stencil constitute the screen-printing forme and can be manufactured from the same material.

111

scumming

undesirable inking on non-image areas on the offset forme caused by sensitization of the non-image area during the printing process

112

set-off

condition that results when wet ink from a printed sheet is transferred to the back of the following sheet

113

sheet-fed press

printing machine that prints on substrates in sheet form

114

slur

printing defect appearing as loss of sharpness in the printed image as a result of directional deformation of the image element

115**snap-off**

⟨screen printing⟩ release of the screen-printing forme from the printing ink applied to the printing material during the printing process

116**soft roll fuser**

type of thermal roll process where the surface of the roller coated with a thin layer of heat-resistant material envelops the toner in such a way to produce a fixed image of uniform gloss and limited expansion when the two rollers come into contact and are heated

117**solid ink jet system**

phase-change printer that employs melted wax-based inks and a piezo electric ejection mechanism

118**squeegee**

⟨screen printing⟩ device for simultaneously pressing the screen-printing forme against the substrate, forcing the printing ink through the openings of the forme on the substrate and scraping the excess ink from the forme, consisting e.g. of a holder and a blade or a roll coater (revolving doctor)

119**squeegee angle**

⟨screen printing⟩ angle between the blade and the forme before pressure has been applied

120**squeegee blade**

⟨screen printing⟩ part of the squeegee that forces the ink through the open areas of the forme onto the substrate

121**squeegeeing area**

⟨screen printing⟩ width of the squeegee blade (contact area with forme)

122**squeegee pressure**

⟨screen printing⟩ linear pressure with which the squeegee acts upon the forme along a given section per unit of length

123**squeegee side of screen**

⟨screen printing⟩ side of the screen-printing forme on which the printing ink is laid

124**stencil area**

⟨screen printing⟩ length times width of the rectangle oriented in the direction of the squeegee stroke enclosing the image elements of a screen-printing stencil

125

stencil carrier area

⟨screen printing⟩ mesh area length multiplied by width of the mesh area that can be stencilled

126

strike through

penetration of components of the printing ink through the substrate so that the ink is observed as an image on the opposite side

127

sublimation dye transfer printing method

method of printing in which every dot density varies to produce gradation and through the control of heating sublimates and transfers the ink onto the substrate

128

SURface Rapid Fusing system

SURF system

⟨electrophotography⟩ fusion process that uses a thin film thermal-resistant endless belt to apply the un-fused toner to the image and then apply heat to fuse the toner with line-style heaters from behind

129

tack

adhesive quality of an ink

130

theoretical ink volume

⟨screen printing⟩ thickness of mesh and stencil multiplied by open screen volume

131

thermal belt fusing

⟨electrophotography⟩ fusion deposition process which allows reduced warm-up time by minimizing the required temperature with the use of a thin-layer heat-resistance belt to heat the toner layer

132

thermal dye transfer

thermal dye diffusion

process that transfers an image from a donor sheet to a receiving sheet by means of heat

133

thermal ink jet

ink jet printing process which employs thermal energy to eject ink droplets through nozzles

134

thermal transfer ribbon

ribbon using an exudation mechanism to transfer the image in which the ink layer contains thermofusible wax ink with fillers that control the ink transfer

135**thermofusible transfer**

imaging method with the use of thermofusing ink which is solid at room temperature

136**thickness of mesh**

(screen printing) distance between upper and lower sides of the stencil carrier

137**thickness of the screen-printing forme**

(screen printing) distance between the upper and the lower sides of the screen-printing forme

138**tinting**

undesirable colour cast on the non-image area of the substrate caused by contamination of the dampening solution or by emulsification of the ink

139**toner**

colorant which consists of a polymer binder and pigment-charge agent and is used in magneto-electrophotographic and ion-deposition printing processes

140**tone-value increase**

dot gain

difference between the dot area on the printed substrate and the dot area on the printing forme

141**toning**

(offset printing) undesirable inking on non-image areas on the plate

142**transfer cylinder**

press device which conveys the substrate to be printed from one printing unit to another in a multi-printing unit press

143**transfer roller**

electrically-charged roller which transfers a counter-charged toner from a photosensitive substrate onto a paper substrate by bringing it into contact with the opposite side

144**trapping**

ink property that shows how well an ink film transfers to a freshly printed ink film

145

type of screen

〈screen printing〉 description of screen printing screens by giving mesh and wire and/or thread diameter (bridge width)

146

undertone

minor colour cast in the colour of a thin film of ink as a result of incomplete absorption of the light which is reflected from the substrate

147

web-fed press

press in which a substrate passes through the printing unit or units in a continuous form, as fed from a roll

148

width of ink rest area

〈screen printing〉 distance between the squeegee area and the screen printing frame

Bibliography

- [1] ISO 3783:2006, *Paper and board — Determination of resistance to picking — Accelerated speed method using the IGT-type tester (electric model)*
- [2] ISO 12636:1998, *Graphic technology — Blankets for offset printing*
- [3] ISO 12647-1:2004, *Graphic technology — Process control for the production of half-tone colour separations, proof and production prints — Part 1: Parameters and measurement methods*
- [4] ISO 13656:2000, *Graphic technology — Application of reflection densitometry and colorimetry to process control or evaluation of prints and proofs*

Alphabetical index

- | | | |
|--|---|---|
| <p>A</p> <p>analogue copying machine 1
 anilox cell 2
 anilox roller 3
 anti-setoff powder 4
 anti-setoff spray powder 4
 aperture size 5
 aperture width 5</p> <p>B</p> <p>back printing 6
 back-up cylinder 7
 bearer 8
 bias roller transfer 9
 blanket 10
 blanket cylinder 11
 blanket-to-blanket web offset printing 12
 bleeding 13
 blocking 14</p> <p>C</p> <p>capsule toner 15
 carrier 16
 channel 17
 charge roller 19
 charge transfer 18
 charging roller 19
 clogging 21, 20
 coating thickness 22
 conductive brush charging 23
 corona transfer 24
 crawling 25
 creep 26
 cylinder press 27</p> <p>D</p> <p>dampening solution 46
 dampening system 28
 deflection electrode 29
 direct stencil 30
 direct-indirect stencil 31
 doctor blade 32
 doctor roll 33
 dot area 34
 dot gain 140
 double sheet detector 35
 dry back 36
 dryer tunnel 37
 dye ink 38</p> | <p>E</p> <p>effective squeegee angle 39</p> <p>F</p> <p>feathering 40
 fill in 41
 flood coating 44, 43, 42
 flood pulling 44, 43, 42
 flooding 44, 43, 42
 flow coating 44, 43, 42
 forme roller 45
 fountain solution 46
 frame height 47</p> <p>G</p> <p>gear mark 48
 ghost image 49
 grain 50
 gravure cell 51
 gravure cylinder 52</p> <p>H</p> <p>half-tone gravure 53
 halo 54
 hickey 55</p> <p>I</p> <p>image area 56
 impression bar 57
 impression cylinder 58
 indirect stencil 59
 ink consumption 61
 ink fountain 63
 ink rest 64
 ink trail 65
 ink transfer 66
 ink-absorbing layer 60
 ink-ejecting heater 62
 in-line press 67
 inner frame dimension 68</p> <p>K</p> <p>keyless offset 69</p> <p>L</p> <p>laser printer 70
 laser thermal transfer 71</p> | <p>M</p> <p>magnetic printer 73
 magnetic-brush developing device 72
 make-ready 74
 mass tone 75
 mesh count 76
 mesh elongation 77
 mesh tension 78
 misting 79
 mottle 80</p> <p>N</p> <p>non-contact fusing 81</p> <p>O</p> <p>off-contact distance 82
 oil-less fusing 83
 OK print 84
 OK sheet 84
 open mesh area percentage 85
 open stencil area 86
 orifice plate 87
 outer frame dimension 88
 overprint 89</p> <p>P</p> <p>packing 90
 peeling time 91
 permanent head 92
 pick 93
 piezo ink jet system 94
 piling 95
 plate cylinder 96
 plugging 41
 pressure fixing 97
 printing area 98
 printing side 99</p> <p>R</p> <p>radiant fusing 100
 relative mesh elongation 101
 relative screen volume 102
 release layer 103
 reverse printing 6
 roller stripping 104
 rotary screen printing 105</p> |
|--|---|---|

S

screen 106
screen-printing forme 107
screen-printing frame 108
screen-printing stencil 109
screen-printing stencil carrier 110
scumming 111
set-off 112
sheet-fed press 113
slur 114
snap-off 115
soft roll fuser 116
solid ink jet system 117
squeegee 118
squeegee angle 119
squeegee blade 120
squeegee pressure 122
squeegee side of screen 123
squeegeeing area 121
stencil area 124
stencil carrier area 125
strike through 126
sublimation dye transfer printing method 127
SURF system 128
SURface Rapid Fusing system 128

T

tack 129
theoretical ink volume 130
thermal belt fusing 131
 thermal dye diffusion 132
thermal dye transfer 132
thermal ink jet 133
thermal transfer ribbon 134
thermofusible transfer 135
thickness of mesh 136
thickness of the screen-printing forme 137
tinting 138
toner 139
tone-value increase 140
toning 141
transfer cylinder 142
transfer roller 143
trapping 144
type of screen 145

U

undertone 146

W

web-fed press 147
width of ink rest area 148

ICS 01.040.37; 37.100.01

Price based on 19 pages