

NORTH AMERICA

CENTRAL AMERICA

- 1 COMPANY
- 2 PRICE POINTS
- 3 TECHNOLOGIES

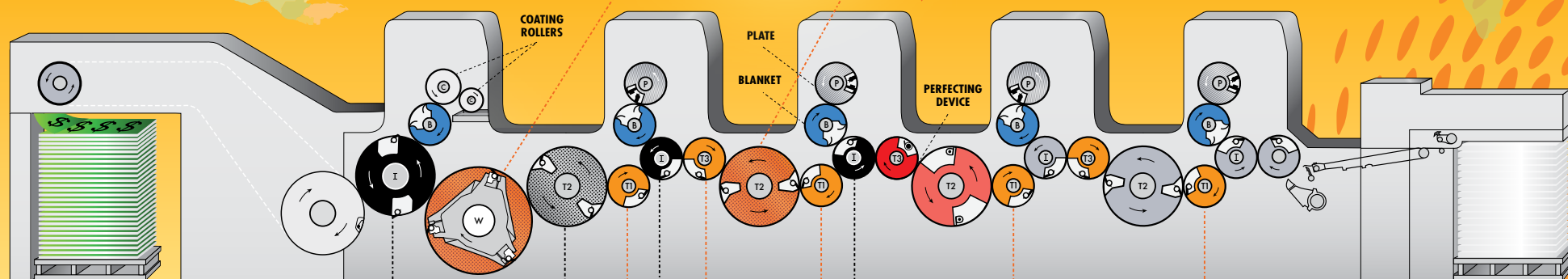


100% OF YOUR
ANTI-MARKING NEEDS

EUROPE



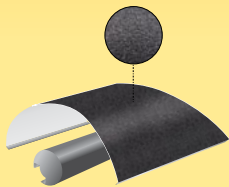
- FLAT ORANGENETS™**
 - FNET - 6 rolled nets/tube
 - Base Jackets - Sizes for all Presses
- WAVY ORANGENETS™**
 - WNET - 6 folded nets/package
 - Base Jackets - Sizes for all Presses



Orange Jackets for Heidelberg Press Transfer Cylinders

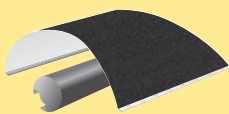
Heidelberg is a registered trademark of Heidelberger Druckmaschinen AG in the U.S. and/or other countries.

PerfectBlack



Steel Impression Cylinder Ceramic Jackets for Heidelberg and other Printing Presses

SB Standard Black™



Steel Transfer Cylinder Jackets for Heidelberg Presses

3

DIFFERENTIATING FEATURES MAKE

PrintGuard^{plus} & packaging™

#1 WORLD-WIDE

PREMIUM ORANGE
PrintGuard^{plus} PrintGuard^{packaging}

Durable uniform glass bead matrix. Orange Hide Ink-repellent coating

Patented Microcellular Backing for perfect fit
Patented Fabric Backing for Package Printing

Secure-Safe™ Mechanical fixtures
EU Patent No. 2019754

- 1 • SM52T
- 2 • SM102RL
- 3 • SM74T

REGULAR YELLOW

PrintGuard^{regular}

Ink-repellent large textured yellow glass beads

Patented Fabric Cloth backing

Adhesive fixturing

- 1 • SM52T-RY3
- 2 • Thinner Elastic Loops • SM102RL-RY3
- 3 • SM74T-RY3

NORTH AMERICA

CENTRAL AMERICA

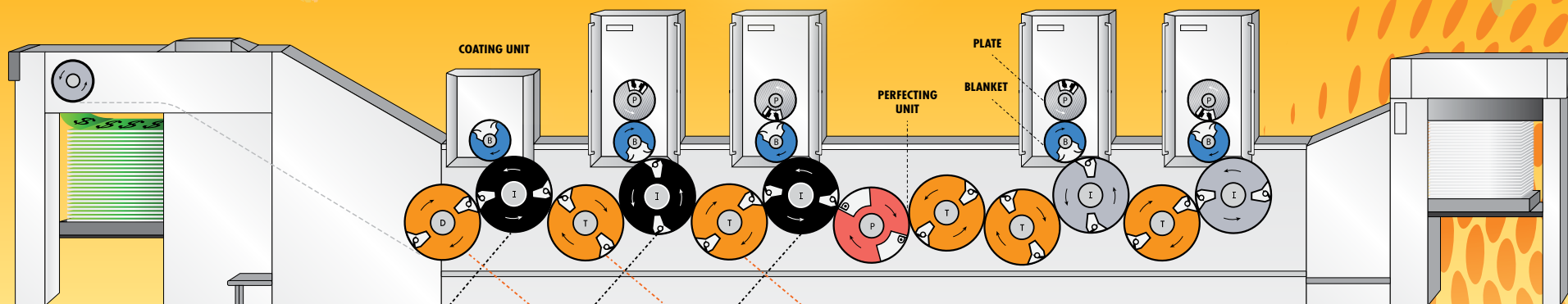
- 1 COMPANY
- 2 PRICE POINTS
- 3 TECHNOLOGIES



100% OF YOUR
ANTI-MARKING NEEDS

EUROPE

INDIA



PERFECTBLACK®



PerfectBlack

Steel Impression Cylinder
Ceramic Jackets
for Akiyama, Komori,
Mitsubishi, Shinohara
& Other Presses

PerfectBlack^{plus}

Steel Impression Cylinder
Premium Solvent Resistant
Jackets for Akiyama, Komori,
Mitsubishi, Shinohara
& Other Presses

ORANGE HIDE® & PRINTGUARD®

PREMIUM



Orange Hide

Premium Ink Repellent Coating
• F300S - Orange Large Bead
• F100S - Orange Small Bead
• F110S/F310S - Orange Sticky back

REGULAR



PrintGuard

Anti-Marking Products
Regular Clear Bead Film
• F300R - Regular Large Bead
• F100R - Regular Small Bead
• F110R/F310R - Regular Sticky back

ORANGENETS™

PREMIUM



FLAT ORANGENETS™

• FNET - 6 rolled nets/tube
• Base Jackets - Sizes for
all Presses

ORIGINAL



WAVY ORANGENETS™

• WNET - 6 folded nets/package
• Base Jackets - Sizes for
all Presses

PRINTGUARD^{PLUS} JACKETS FOR HEIDELBERG[®] PRESS TRANSFER CYLINDERS

Stop Marking
Stop Marking
Stop Marking

• Start **Printing**

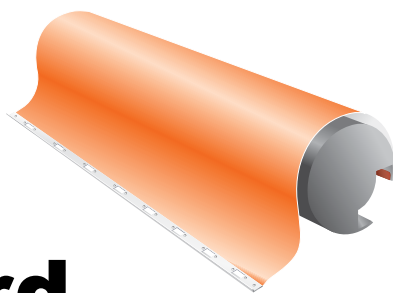
with

PrintGuard^{plus}

Orange Hide[®]
Microcellular Backed
AntiMarking Products

PATENTED MICROCELLULAR LAYER

US Patent Nos. 6,811,863 7,270,873 8,381,647 others pending



**PrintGuardPlus Orange Hide
Anti-Marking Jackets
for Heidelberg[®] Presses.**

Ask for PrintGuardPlus Jackets containing our patented resilient microcellular backing material. These PrintGuardPlus Orange Jackets have custom fixtures for quick and easy installation. Our jackets fit perfectly on the cylinder. Typically, no additional packing is needed.

PrintGuard's high quality anti-marking jackets are guaranteed to improve your print quality, customer satisfaction, press-uptime, and your bottom line!

PrintGuardPlus = Orange Hide + Microcellular Backing + Secure-Safe[™] Mechanical Fixtures

PrintGuardPackaging = Orange Hide + Fabric Backing + Secure-Safe[™] Mechanical Fixtures

PrintGuardRegular = Regular Glass Bead + Fabric Backing + Adhesive Fixturing Only

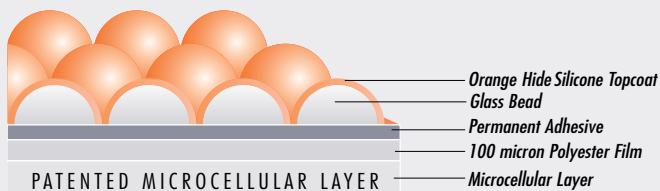
PrintGuardPlus Orange Jackets. Why we are #1

- **Orange Hide:** A cross linked orange silicone coating reduces the surface energy of the PrintGuard glass beaded surface. This means that ink does not want to stick to the Orange Hide surface. Less ink attraction = less marking = more profit. We apply 2x as much silicone as our competition.
- **Patented Backings:** OUR PATENTED microcellular and fabric backing provides a compressible resilient layer that ensures the surface of the glass beads lay perfectly flat and uniform across your entire cylinder — no more bubbles, ridges, or voids that can cause marking! And, in most cases, no additional packing is required.
- **Secure-Safe[™] Stainless Steel Hardware/Elastic Loops:** Durable rubber loops resistant to oils and solvents. Allowing enough elasticity for quick and easy attachment to your transfer cylinder. If you are running Heidelberg Presses, then you want the added security of our US patent pending/EU Patent 2019754 Secure-Safe[™] system. Secure-Safe[™] employs a redundant fail-safe system of adhesive and mechanical fixturing. It is not uncommon for the adhesive-only system (what our competitors use) to fail under the stressful conditions of printing presses. Strong cleaning solvents will re-solvate adhesive only systems, which are under shear stresses (the jacket is installed under tension around the transfer cylinder) and will result in the steel fixture migrating or tearing off the unsecured glass bead jacket... causing tremendous press damage. In Contrast, our Secure-Safe[™] system adds a second method of fixturing — Mechanical. When you examine the edges of our glass bead jackets and compare our Secure-Safe[™] fixturing to our competitors, you will understand why PrintGuardPlus is the #1 Transfer cylinder jacket worldwide. Our Secure-Safe[™] double fixture designs ensures our PrintGuardPlus[®] Jacket remains safely secured to your transfer cylinder.

PrintGuard's mission is to develop and manufacture the most innovative, highest quality products that make printers more profitable.

**PrintGuardPlus
Orange
Jacket Material**

Orange Hide Microcellular Backed
Material used for Transfer &
Delivery Jackets for all
Heidelberg presses.
Total Thickness:
0.41mils / 1.04mm



This brochure was printed by Craftsmen using PrintGuard products.

PRINTGUARD^{PLUS} JACKETS FOR HEIDELBERG[®] PRESS TRANSFER CYLINDER

Stop Marking
Stop Marking
Stop Marking • Start **Printing**
with

PrintGuard^{plus}

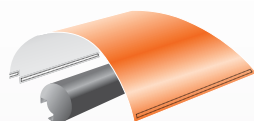
Orange Hide[®]
Microcellular Backed
AntiMarking Products

PATENTED MICROCELLULAR LAYER

US Patent Nos. 6,811,863 7,270,873 8,381,647 others pending



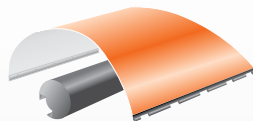
PrintGuard^{Plus} Orange Jackets
for Heidelberg Presses



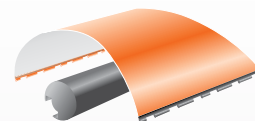
QM46V Jacket
for Heidelberg QM46 press



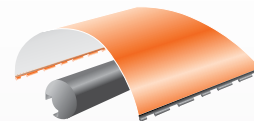
GT052T Jacket
for Heidelberg GT052 press



M026T Jacket
for Heidelberg MOV press

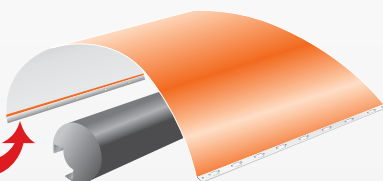


SM72T Jacket
for Heidelberg SM72 press



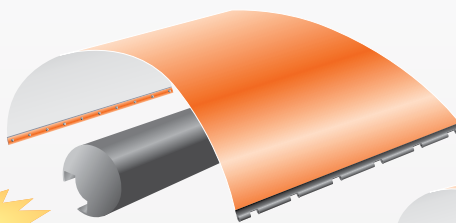
SM102LL Jacket
for Heidelberg SM102 press
(pre-1993)

SM74T Jacket
for Heidelberg SM-74 press



Mechanically fixed
to ensure Secure-Safe[™]
performance on press

Patented
Microcellular Layer
for perfect fit



SM102RL Jacket
for Heidelberg SM-102 press
(post-1994)



SM52T Jacket
for Heidelberg SM52 press

Orange Hide Ink
repellent coating over durable
glass bead matrix

Delivery and Perfecting Jackets also made to fit on Heidelberg Presses.

NEW Perfector Cylinder Jackets for Mitsubishi 3000D Press
Custom Jackets Made Upon Request.

Both Heidelberg and GTO are registered trademarks respectively, trademarks of Heidelberger Druckmaschinen AG in the U.S. and/or other countries.

PrintGuard Guarantee

The manufacturer and technical sales team stand behind PrintGuard's Performance! Buy two PrintGuardPlus jackets to confirm for yourself that PrintGuard will actually save you money by decreasing your press downtime and improving your print quality. Follow care and maintenance instructions below and if you are not satisfied with PrintGuard's performance, simply return these jackets within one month and we will refund the full product price.

PrintGuard, Inc.

1521 Grafton Road, Millbury, MA 01527
Phone: (508) 890-8822 • Fax: (508) 890-8833
Website: www.printguard.com
E-Mail: techspt@printguard.com

PrintGuard[®] Product Care & Maintenance:

For longest product life, inspect daily – if clean leave alone; Else:

1. Use an absorbent, lint free cleaning cloth:
 - a. Best: non-woven Lint Free Cloth (Everclean[™], Nubtex[®], Sontara[®])
 - b. Good: Cotton shop cloth.
2. Use a mild water based/miscible press wash diluted 50% with water.
3. Moisten above Cleaning Cloth with above diluted mild press-wash, and use **UNIFORM LIGHT PRESSURE** to remove wet ink.

PrintGuard, Orange Hide, and PrintGuardPlus are registered trademarks of PrintGuard, Inc. in the U.S. and/or other countries. Press manufacturers are not affiliated with PrintGuard, Inc., and may have rights in the names listed. Heidelberg and GTO are registered trademarks respectively of Heidelberger Druckmaschinen AG.

CONTACT YOUR LOCAL DEALER AT:

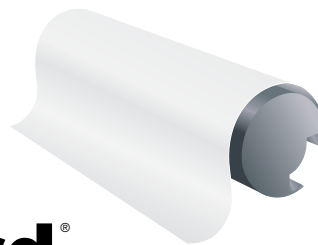
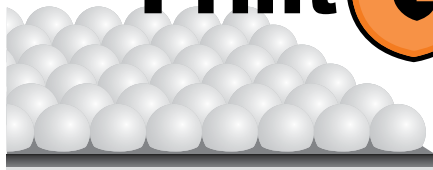
Stop Marking
Stop Marking
Stop Marking

● Start **Printing**

with

PrintGuard®

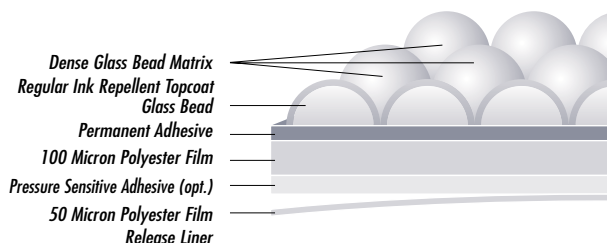
Manufacturer of
Glass Bead Film
AntiMarking Products



PrintGuard anti-marking products are manufactured on our proprietary production line by positioning billions of uniform diameter glass beads in a precise dense glass bead matrix monolayer – the highest density per square area possible! We permanently bond them to film using custom formulated adhesive. PrintGuard's technology is guaranteed to improve your print quality and decrease your downtime.

PrintGuard Glass Bead Technology Stops Marking

● **PrintGuard Regular = Semi-Transparent Glass Bead Film**



PrintGuard Anti-Marking Sheets Are Available For All Presses:

Komori Akiyama	Mitsubishi Ryobi	Shinohara Hamada	Sakurai
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...we can configure sheets for any press – Call us!

Product Code Key:

F = Film
1 = Small glass bead diameter, feels smooth; 3 = Large glass bead, feels rough
1 = Sticky back with release liner, 0 = No adhesive, back side is film
0 = Sticky items
R = Regular or Semi-Transparent glass bead film

PrintGuard Product Code	Description	Description	PrintGuard Product Code
F100R	Regular Small glass bead film. Thickness: 9.5mils / 0.24mm	Regular Large glass bead film. Thickness: 12mils / 0.30mm	F300R
F110R	F100R Product with removable sticky back adhesive. Thickness: 11.5-12mils / 0.29-0.31mm	F300R Product with removable sticky back adhesive. Thickness: 14mils / 0.36mm	F310R

R = Regular Ink Repellent Coating

ATTN:

Pressmen

If you run a 4, 6, 8, 10, 12 color press...
If you print high coverage jobs...
If your customers demand the highest print quality,

Then:

**Please Turn Over For
Our Premium Orange Products...**

This brochure was printed by Craftsmen using PrintGuard products.

PREMIUM ORANGE GLASS BEAD FILM TRANSFER CYLINDER SHEETS FOR JAPANESE PRESSES

Stop Marking
Stop Marking
Stop Marking

• Start **Printing**

with

PrintGuard®

Orange Hide®
Glass Bead Film
AntiMarking Products

Orange Hide

We have advanced our proven PrintGuard technology by adding a proprietary Orange Hide ink repellent coating. Orange Hide works better than any other glass beaded product on the market! Craftsmen who have tried both the Regular and the Orange Hide products tell us Orange Hide works three times better!

Orange Hide improves your print quality, customer satisfaction, press up-time, and your bottom line!

Orange Hide = PrintGuard + Orange Ink Repellent Coating

Orange Hide Product Code		Description	Recommended Presses
F100S		Orange Hide Small glass bead film. Thickness: 8mils / 0.20mm	Half size and smaller presses
F110S		F100S Product with removable sticky back adhesive. Thickness: 10-11mils / 0.25-0.28mm	Small presses perfecting cylinders
F300S		Orange Hide Large glass bead film. Thickness: 10mils / 0.25mm	Full size presses
F310S		F300S Product with removable sticky back adhesive. Thickness: 12-13mils / 0.31-0.33mm	Half-full sized presses

F300S: Specifically designed for 40 inch Komori and Mitsubishi presses

Glass Bead Sheets for
Komori, Mitsubishi,
Shinohara, Akiyama,
Sakurai, Ryobi,
Hamada, and
Heidelberg Presses

S = Orange Silicone Ink Repellent Coating

Dramatically improves print quality, minimizes marking and improves cleanability.

Orange Hide Silicone Topcoat
Glass Bead
Permanent Adhesive
100 Micron Polyester Film
Pressure Sensitive Adhesive (opt.)
50 Micron Polyester Film
Release Liner

PrintGuard Guarantee

The manufacturer and technical sales team stand behind PrintGuard's Performance! Buy two Orange Hide sheets to confirm for yourself that PrintGuard will actually save you money by decreasing your press downtime and improving your print quality. Follow care and maintenance instructions below and if you are not satisfied with PrintGuard's performance, simply return these sheets within one month and we will refund the full product price.

PrintGuard, Inc.

1521 Grafton Road, Millbury, MA 01527
Phone: (508) 890-8822 • Fax: (508) 890-8833
Website: www.printguard.com
E-Mail: techspt@printguard.com

PrintGuard® Product Care & Maintenance:

For longest product life, inspect daily — if clean leave alone; Else:

- Use an absorbent, lint free cleaning cloth:
 - Best: non-woven Lint Free Cloth (Everclean™, Nubtex®, Sontara®)
 - Good: Cotton shop cloth.
- Use a mild water based/miscible press wash diluted 50% with water.
- Moisten above Cleaning Cloth with above diluted mild press-wash, and use **UNIFORM LIGHT PRESSURE** to remove wet ink.

PrintGuard, Orange Hide, and PrintGuardPlus are registered trademarks of PrintGuard, Inc. in the U.S. and/or other countries. Press manufacturers are not affiliated with PrintGuard, Inc., and may have rights in the names listed. Heidelberg and GTO are registered trademarks respectively of Heidelberger Druckmaschinen AG.

CONTACT YOUR LOCAL DEALER AT:

DON'T LET YOUR PRESS HAVE THE **BLUES**... JAZZ IT UP WITH ORANGENETS™ NOW!

Stop Marking
Stop Marking
Stop Marking

• Start **Printing**

PrintGuard®

Orange Flat Net
Anti-Marking Products

PrintGuard Flat Net Technology Stops Marking



FAQ –

OrangeNet? Isn't PrintGuard the Premium Glass Bead Anti-Marking Manufacturer?

Yes, PrintGuard manufactures and sells glass bead film and jackets world-wide. Our success in solving printers' marking problems led to the manufacture of the OrangeNet, a premium net for the pressmen who prefer nets.

OrangeNet™: Manufactured to the highest PrintGuard standards in roll form and then converted into nets and sold world-wide.



FNET:

The New Flat OrangeNet™:
Stripe-less OrangeNet.

Base Jackets:

Our premium ORANGE BASE JACKETS are manufactured utilizing PrintGuard's patented technology. See www.orangenets.com

**Heidelberg
Press Model:**

Product Code:

**Approximate
NET Size: (inches)**

**Typical Press
Models:**

QM 46

FNET20019

20 X 19

Ryobi 3302

SM 52, GTO 52

FNET230200

23 X 20

Shinohara, Hamada

MOV, MO 26

FNET290250

29 X 25

Komori 26"

SM 72

FNET320280

32 X 28

Komori 28", MIT 28"

SM 74

FNET35028

35 X 28

Spica 29, Ryobi 755

SM 102

FNET430320

43 X 32

Komori 40", MIT 40"

XL 105

FNET470320

47 X 32

105cm machines

6 ORANGENETS PER TUBE

Available For All Presses, Cut To Any Size

PrintGuard Guarantee

The manufacturer and technical sales team stand behind PrintGuard's performance! Buy one package of OrangeNets to confirm for yourself that PrintGuard will save you money by decreasing your press downtime and improving your print quality. Follow the PrintGuard care and maintenance instructions below and if you are not satisfied with the OrangeNet performance, simply return the nets within one month and we will credit full product price towards any other PrintGuard product.

PrintGuard, Inc.

1521 Grafton Road, Millbury, MA 01527
Phone: (508) 890-8822 • Fax: (508) 890-8833
Website: www.orangenets.com
E-Mail: techspt@orangenets.com

Care & Maintenance:

1. To remove dried ink, tension the OrangeNet and wipe briskly with a clean dry cloth dislodging the dried ink.
2. Run the press at full speed for several minutes without paper to allow dried ink particles and dust to drop to the base of the press.
3. To extend OrangeNet life, repeat this treatment two or three times.

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CONTACT YOUR LOCAL DEALER AT:

REPLACE YOUR DIRTY **BLUES** WITH OUR PREMIUM INK REPELLENT ORANGENETS™!

Stop Marking
Stop Marking
Stop Marking

• Start **Printing**

with

PrintGuard®

Orange Wavy Net
Anti-Marking Products

PrintGuard Wavy Net Technology Stops Marking

FAQ –

OrangeNet? Isn't PrintGuard the Premium Glass Bead Anti-Marking Manufacturer?

Yes, PrintGuard manufactures and sells glass bead film and jackets world-wide. Our success in solving printers' marking problems led to the manufacture of the OrangeNet, a premium net for the pressmen who prefer nets.

OrangeNet™: Manufactured to the highest PrintGuard standards in roll form and then converted into nets and sold world-wide.

Heidelberg Press Model:	Product Code:	Approximate NET Size: (inches)	Other Press Models:
QM 46	WNET46	20 X 36	Ryobi 3302
SM 52, GTO 52	WNET52	23 X 36	Shinohara, Hamada
MOV, MO 26	WNET66	29 X 36	Komori 26"
SM 72	WNET72	32 X 36	Komori 28", MIT 28"
SM 74	WNET74	35 X 36	Spica 29, Ryobi 755
SM 102	WNET102	43 X 36	Komori 40", MIT 40"
XL 105	WNET105	47 X 36	105cm machines

6 ORANGENETS PER PLASTIC BAG Available For All Presses, Cut To Any Size



WNET:

The Original Wavy OrangeNet™:
Better color and lower price, but otherwise the same as the original blue net.

Base Jackets:

Our premium ORANGE BASE JACKETS are manufactured utilizing PrintGuard's patented technology. See www.orangenets.com

PrintGuard Guarantee

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Website: www.orangenets.com
E-Mail: techspt@orangenets.com

Care & Maintenance:

1. To remove dried ink, tension the OrangeNet and wipe briskly with a clean dry cloth dislodging the dried ink.
2. Run the press at full speed for several minutes without paper to allow dried ink particles and dust to drop to the base of the press.
3. To extend OrangeNet life, repeat this treatment two or three times.

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