



**IMAGE  
PERMANENCE  
INSTITUTE**

**PHOTOGRAPHIC ACTIVITY TEST ISO 18916 - RESEARCH REPORT**

**Job 2519**

**DATE: 17-Jun-2019**

**PREPARED FOR:** Neschen Coating GmbH  
 Hans-Neschen Strasse 1, D-31675 Buckenburg  
**MATERIAL:** Filmoplast P90 (adhesive side)  
**CONTROL:** Whatman No. 1 filter paper

**SILVER IMAGE INTERACTION RESULT: PASS**

Density change of control: -0.73  
 Upper pass/fail limit: -0.59  
 Density change of material: -0.77  
 Lower pass/fail limit: -0.88  
 Density change caused by material must be equal to density change caused by control  $\pm 20\%$

**GELATIN STAINING RESULT: PASS**

Density change of control: 0.10  
 Stain limit: 0.18  
 Density change of material: 0.11  
 Stain caused by material must be less than stain caused by control  $\pm 0.08$

**MOTTLING OF IMAGE INTERACTION DETECTOR RESULT: PASS**

Visual assesment of uniform action

OPERATOR: Andrea Venosa

<b>PAT PERFORMANCE:</b>	<b>PASS</b>
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**MUST PASS ALL CRITERIA TO PASS PAT**

**Note:** When selecting enclosures, the PAT should be used in conjunction with ISO 18902.

**This certificate is valid for this specific lot of product until any date and for subsequent lots until: 16-Jun-2020**

**This certificate is VOID upon any change in product formulation, manufacturer, or manufacturer supplier.**

IMAGE PERMANENCE INSTITUTE  
 Rochester Institute of Technology, 70 Lomb Memorial Drive, Rochester, NY 14623  
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Job 2519

DATE: 17-Jun-2019

PREPARED FOR: Neschen Coating GmbH  
Hans-Neschen Strasse 1, D-31675 Buckenburg  
MATERIAL: Filmoplast P90+ (adhesive side)  
CONTROL: Whatman No. 1 filter paper

### SILVER IMAGE INTERACTION RESULT: PASS

Density change of control: -0.73  
Upper pass/fail limit: -0.59  
Density change of material: -0.59  
Lower pass/fail limit: -0.88  
Density change caused by material must be equal to density change caused by control  $\pm 20\%$

### GELATIN STAINING RESULT: PASS

Density change of control: 0.10  
Stain limit: 0.18  
Density change of material: 0.11  
Stain caused by material must be less than stain caused by control  $\pm 0.08$

### MOTTLING OF IMAGE INTERACTION DETECTOR RESULT: PASS

Visual assesment of uniform action

OPERATOR: Andrea Venosa

PAT PERFORMANCE:	PASS
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Job 2519

DATE: 17-Jun-2019

PREPARED FOR: Neschen Coating GmbH  
Hans-Neschen Strasse 1, D-31675 Buckenburg  
MATERIAL: Filmoplast P (adhesive side)  
CONTROL: Whatman No. 1 filter paper

### SILVER IMAGE INTERACTION RESULT: PASS

Density change of control: -0.73  
Upper pass/fail limit: -0.59  
Density change of material: -0.84  
Lower pass/fail limit: -0.88  
Density change caused by material must be equal to density change caused by control  $\pm 20\%$

### GELATIN STAINING RESULT: PASS

Density change of control: 0.10  
Stain limit: 0.18  
Density change of material: 0.10  
Stain caused by material must be less than stain caused by control  $\pm 0.08$

### MOTTLING OF IMAGE INTERACTION DETECTOR RESULT: PASS

Visual assesment of uniform action

OPERATOR: Andrea Venosa

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DATE: 17-Jun-2019

PREPARED FOR: Neschen Coating GmbH  
Hans-Neschen Strasse 1, D-31675 Buckenburg  
MATERIAL: Gudy dot  
CONTROL: Whatman No. 1 filter paper

### SILVER IMAGE INTERACTION RESULT: PASS

Density change of control:	-0.73
Upper pass/fail limit:	-0.59
Density change of material:	-0.84
Lower pass/fail limit:	-0.88

Density change caused by material must be equal to density change caused by control  $\pm 20\%$

### GELATIN STAINING RESULT: PASS

Density change of control:	0.10
Stain limit:	0.18
Density change of material:	0.11

Stain caused by material must be less than stain caused by control  $\pm 0.08$

### MOTTLING OF IMAGE INTERACTION DETECTOR RESULT: PASS

Visual assesment of uniform action

OPERATOR: Andrea Venosa

PAT PERFORMANCE:	PASS
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**Job 2519**

**DATE: 17-Jun-2019**

**PREPARED FOR:** Neschen Coating GmbH  
 Hans-Neschen Strasse 1, D-31675 Buckenburg  
**MATERIAL:** Gudy 870  
**CONTROL:** Whatman No. 1 filter paper

**SILVER IMAGE INTERACTION RESULT: PASS**

Density change of control: -0.73  
 Upper pass/fail limit: -0.59  
 Density change of material: -0.88  
 Lower pass/fail limit: -0.88  
 Density change caused by material must be equal to density change caused by control  $\pm 20\%$

**GELATIN STAINING RESULT: PASS**

Density change of control: 0.10  
 Stain limit: 0.18  
 Density change of material: 0.11  
 Stain caused by material must be less than stain caused by control  $\pm 0.08$

**MOTTILING OF IMAGE INTERACTION DETECTOR RESULT: PASS**

Visual assesment of uniform action

OPERATOR: Andrea Venosa

<b>PAT PERFORMANCE:</b>	<b>PASS</b>
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DATE: 17-Jun-2019

PREPARED FOR: Neschen Coating GmbH  
Hans-Neschen Strasse 1, D-31675 Buckenburg  
MATERIAL: Gudy 832  
CONTROL: Whatman No. 1 filter paper

### SILVER IMAGE INTERACTION RESULT: PASS

Density change of control: -0.73  
Upper pass/fail limit: -0.59  
Density change of material: -0.82  
Lower pass/fail limit: -0.88  
Density change caused by material must be equal to density change caused by control  $\pm 20\%$

### GELATIN STAINING RESULT: PASS

Density change of control: 0.10  
Stain limit: 0.18  
Density change of material: 0.11  
Stain caused by material must be less than stain caused by control  $\pm 0.08$

### MOTTLING OF IMAGE INTERACTION DETECTOR RESULT: PASS

Visual assesment of uniform action

OPERATOR: Andrea Venosa

PAT PERFORMANCE:	PASS
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DATE: 17-Jun-2019

PREPARED FOR: Neschen Coating GmbH  
Hans-Neschen Strasse 1, D-31675 Buckenburg  
MATERIAL: Gudy 831  
CONTROL: Whatman No. 1 filter paper

### SILVER IMAGE INTERACTION RESULT: PASS

Density change of control: -0.73  
Upper pass/fail limit: -0.59  
Density change of material: -0.87  
Lower pass/fail limit: -0.88  
Density change caused by material must be equal to density change caused by control  $\pm 20\%$

### GELATIN STAINING RESULT: PASS

Density change of control: 0.10  
Stain limit: 0.18  
Density change of material: 0.10  
Stain caused by material must be less than stain caused by control  $\pm 0.08$

### MOTTLING OF IMAGE INTERACTION DETECTOR RESULT: PASS

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