

Résiste® SR ▶ Silicone Release



Label Facestock



Key Features

- Made with our Next Generation thermal chemistry (free of phenolic developers)
- Crisp, consistent image with each printed label
- Compatible with different types of pressure-sensitive adhesives such as hotmelt and acrylic.
- Reduces the need for roll changes and minimizes storage
- Imaging speed up to 8 ips

Applications

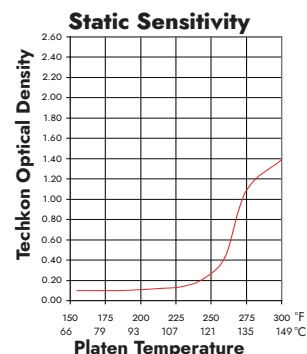
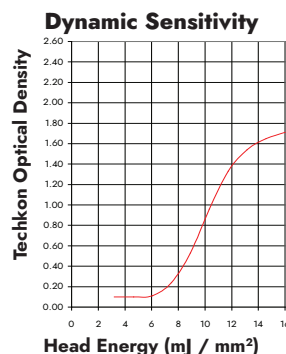
- Weigh Scale
- Logistics
- Package Delivery



Résiste® SR is a pre-siliconized direct thermal solution that revolutionizes linerless label production and enhances end-user performance. Appvion's unique and patented silicone is specifically designed in conjunction with our cutting-edge Next Generation thermal chemistry to deliver exceptional printing performance and dependable barcode scanning, all while minimizing contamination during thermal printing.

Product Characteristics – Preliminary Data

| | |
|--|----------------------|
| Caliper (mils/μm) | 2.8 ± 0.20/71.12 ± 5 |
| Basis Weight | |
| 17 x 22—500 (lbs) | 15.8 ± .79 |
| g/m2 | 59 ± 2.97 |
| Thermal Response - Nominal | |
| Static (°C ± 5°) | |
| Initial Activation Temperature 0.2 ODU | 107° C |
| 1.0 ODU | 129° C |
| Maximum Density (ODU) | 1.46 |
| Temperature Required | 148° C |
| Dynamic—Atlantek 400 (mj/mm2) | |
| Initial Printer Energy 0.2 ODU | 6.2 |
| 1.0 ODU | 9.1 |
| Maximum Density (ODU) | 1.78 |
| Energy Required | 16.0 |
| Brightness (UV Excluded) | >87 |
| Gurley Stiffness Nominal (mg) | MD 53 CD 30 |
| Elmendorf Tear Nominal (g) | MD 35 CD 38 |
| Tensile (lbs/in) | MD 24 CD 10 |
| Parker Print Surface | <1.30 |



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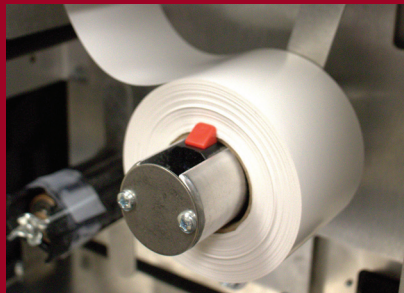
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09.19.23

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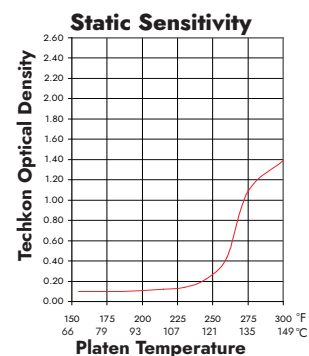
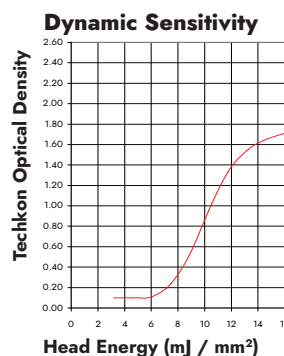
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Product Characteristics – Preliminary Data

| | |
|--|----------------------|
| Caliper (mils/μm) | 3.2 ± 0.2/81.3 ± 4.1 |
| Basis Weight | |
| 17 x 22—500 (lbs) | 19.1 ± .95 |
| g/m2 | 72 ± 3.6 |
| Thermal Response - Nominal | |
| Static (°C ± 5°) | |
| Initial Activation Temperature 0.2 ODU | 117° C |
| 1.0 ODU | 132° C |
| Maximum Density (ODU) | 1.4 |
| Temperature Required | 148° C |
| Dynamic—Atlantek 400 (mJ/mm2) | |
| Initial Printer Energy 0.2 ODU | 7.0 |
| 1.0 ODU | 10.4 |
| Maximum Density (ODU) | 1.7 |
| Energy Required | 16.0 |
| Brightness (UV Excluded) | >80 |
| Gurley Stiffness Nominal (mg) | MD 90 CD 45 |
| Elmendorf Tear Nominal (g) | MD 45 CD 45 |
| Tensile (lbs/in) | MD 35 CD 17 |
| Parker Print Surface | <2.0 |



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