MULTI-PLASTICS

EnviroCycle

The Association of Plastic Recyclers

# TYPICAL PROPERTIES OF
# 4RH5 Polyester 50% PCR Shrink Sleeve Film

**4RH5** is a heat-shrinkable polyester film with excellent uniform and stable shrinking behaviors. Suitable for hot air and steam tunnel shrinking processes.

**4RH5 Contains 50% Post Consumer Recycle Content**

**Description:**

**4RH5** is a ***high shrink/high stress*** polyester made with 50% PCR material content while still offering excellent optical properties for printing labels as well as conforming for a seamless finish.

**Characteristics of PET Shrink Film:**

* Contains 50% Post Consumer Recycle Content
* Excellent printability
* High gloss and low haze
* Smooth shrinking curve with stable shrinkage
* Suitable for wide variety of shapes

**General Information**

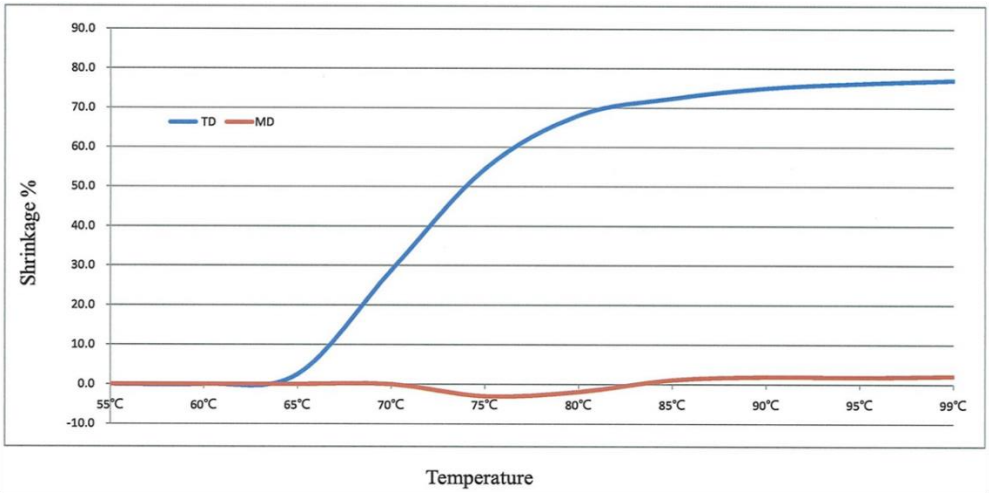
Applications:

Shrink Label • Bundling • Tamper Evident
Suitable for Hot Air, Steam Tunnels

Gauges:

Standard - 180ga (45µ), Other Gauges Available

| Properties | Units | Typical Values | | Test Method |
|---|---|---|---|---|
| Thickness | *µm*<br>*gauge* | 45<br>180 | 50<br>200 | ASTM D1400 |
| Yield | in²/lb | 11,839 | 10,655 | Internal |
| Friction COF uK | — | < 0.41<br>< 0.35 | | ASTM D1894 |
| Tensile Strength MD<br>TD | psi | 9,000<br>40,000 | | ASTM D882 |
| Heat Shrinkage(95°C) MD<br>TD | % | < 1.2<br>> 77.0 | | 10 sec at 95°C Water |
| Gloss (60°F/15.5°C) | — | 145 | | ASTM D523 |
| Haze | % | 3.0 | | ASTM D1003 |
| Specific Gravity | g/cm³ | 1.32 | | ASTM D792 |




*Thickness & Yields may vary by +/- 10%*

*All data represents typical values by the methods indicated and should be considered so. The information herein, is to the best of our knowledge, true, and accurate. However, since conditions of use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part. No warranty is made or implied.*