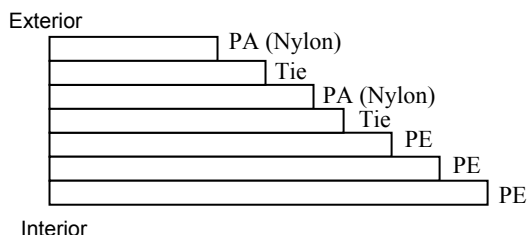


# FILM DATA SHEET

**SV500C**



Shannon Packaging Company  
 14375 Telephone Ave  
 Chino, CA 91710  
 Phone: (909) 591-8768  
 Fax: (909) 591-1409  
[www.shannonpkg.com](http://www.shannonpkg.com)  
 SPC313R2.06.18.18

Physical Description:

Crystal Clear 5mil Nylon/Poly COEX vacuum barrier film for food, medical, industrial and many other vacuum applications.

**THERMAL STABILITY:** -2°F to 212°F

Application:

This FDA approved film is designed primarily for demanding food applications that require high clarity and wide temperature swings (freezer to boiling water). The nylon and retort tie layers exhibit high strength and low OTR in demanding applications involving temperature extremes and is ideally suited for vacuum packaging applications.

The SV500C meets conditions B of 21CFR 176.170: 212 degrees F for 30 minutes. Foods III, IV-A, II, VII-B

Converting:

It can be converted into pouch, rollstock and tubing configurations with unique features.

Physical Properties:

| PROPERTIES    | TEST METHOD  | UNIT OF MEASURE        | VALUE     |
|---------------|--------------|------------------------|-----------|
| Caliper       | TAPPI T411   | Mils                   | 5         |
| Transparency  | ASTM D 1003  | %                      | 90.0      |
| Haze          | ASTM D 1003  | %                      | 5.5       |
| OTR           | Mocon        | gms/100 sq. in./24 hrs | 3.22      |
| MVTR          | ASTM-1434-66 | cc/100 sq. in./24 hrs  | 0.32      |
| Seal Strength |              | N/15mm                 | >30       |
| Tensile MD    | ASTM D882    | PSI                    | 4350      |
| Tensile TD    | ASTM D882    | PSI                    | 4060      |
| Elongation MD | ASTM D882    | %                      | >400      |
| Tear CD       | ASTM D882    | %                      | >450      |
| COF           | ASTM D1894   | Kinetic (F/M)          | 0.10-0.25 |

The values indicated in this document are the results of tests made in compliance with the normal standards. They are given as an indication and should be considered as average values and given without any obligation on our part. This data was provided directly to Shannon from our film supplier.

For more information about material data, please visit our website at [www.shannonpkg.com](http://www.shannonpkg.com)

*Your Solution  
is in the bag*

SPC263R1.05.16.17