# COMPARE SCS MOISTURE BARRIER BAG SERIES

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| | Aluminized **Dri-Shield® 2000 Series** | High Puncture Aluminized **Dri-Shield® 2700 Series** | Cleanliness Tested Aluminized **3370 Series** | High Barrier Foil **Dri-Shield® 3000 Series** | High Barrier Foil **Dri-Shield® 3400 Series** | High Puncture, High Barrier Foil **Dri-Shield® 3700 Series** |
|---|---|---|---|---|---|---|
| **Surface Resistance: Exterior** | $1x10^4$ to < $1x10^{11}$ ohms | $1x10^4$ to < $1x10^{11}$ ohms | $1x10^4$ to < $1x10^{11}$ ohms | $1x10^4$ to < $1x10^{11}$ ohms | $1x10^4$ to < $1x10^{11}$ ohms | $1x10^4$ to < $1x10^{11}$ ohms |
| **Surface Resistance: Interior** | $1x10^4$ to < $1x10^{11}$ ohms | $1x10^4$ to < $1x10^{11}$ ohms | $1x10^4$ to < $1x10^{11}$ ohms | $1x10^4$ to < $1x10^{11}$ ohms | $1x10^4$ to < $1x10^{11}$ ohms | $1x10^4$ to < $1x10^{11}$ ohms |
| **ANSI/ESD S11.4 Level** | Level 3 (except Transparency) | Level 3 (except Transparency) | Level 3 (except Transparency) | Level 1 | Level 1 | Level 1 |
| **IPC/JEDEC J-STD-033** | N/A | N/A | N/A | YES | YES | YES |
| **Discharge Shielding Energy Test** | <10nJ | <10nJ | <10nJ | <10nJ | <10nJ | <10nJ |
| **Thickness** | 0.0036”(0.0914 mm) | 0.007”(0.1778mm) | 0.0036”(0.0914 mm) | 0.006”(0.1524mm) | 0.004”(0.1016mm) | 0.0042”(1067mm) |
| **Puncture Resistance - Avg** | 20 lbs. | 30 lbs. | 20 lbs. | 16 lbs. | 20 lbs. | 25 lbs. |
| **Moisture Barrier MVTR** | ≤0.035 (gms/100in$^2$/24hrs,100°F) | ≤0.030 (gms/100in$^2$/24hrs,100°F) | ≤0.028 (gms/100in$^2$/24hrs,100°F) | ≤0.0003 (gms/100in$^2$/24hrs,100°F) | ≤0.0003 (gms/100in$^2$/24hrs, 100°F) | ≤0.0003 (gms/100in$^2$/24hrs,100°F) |
| **Non-Corrosive** | Pass | Pass | N/A | Pass | Pass | Pass |
| **Silicone** | Not Detected | Not Detected | Not Detected | Not Detected | Not Detected | Not Detected |
| **Outgassing** | N/A | N/A | 150 $\mu$g/cm$^2$ | N/A | N/A | N/A |
| **NVR** | N/A | N/A | 7.1 $\mu$g/cm$^2$ | N/A | N/A | N/A |
| **IC (Anions)** | N/A | N/A | CL 0.025 $\mu$g/cm$^2$<br>NO3 0.16 $\mu$g/cm$^2$ | N/A | N/A | N/A |
| **Heating Conditions** | 300-400°F<br>0.6-4.5 spec<br>30-70 psi | 400°F<br>0.6-4.5 spec<br>30-70 psi | 400°F<br>0.6-4.5 spec<br>30-70 psi | 400°F<br>0.6-4.5 spec<br>30-70 psi | 400°F<br>0.6-4.5 spec<br>30-70 psi | 400°F<br>0.6-4.5 spec<br>30-70 psi |