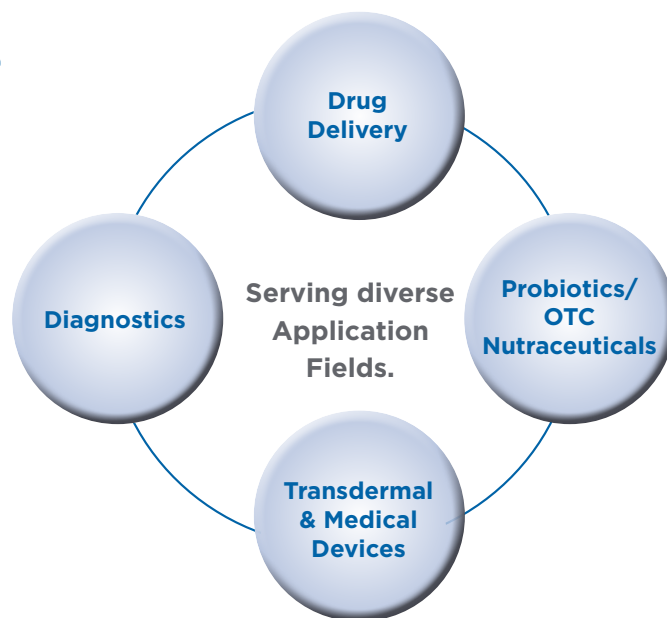




Next Generation Active Packaging Solutions

3-Phase Activ-Polymer™ technology offers ultimate drug product protection.



Your product, actively protected™

Aptar 
CSP Technologies

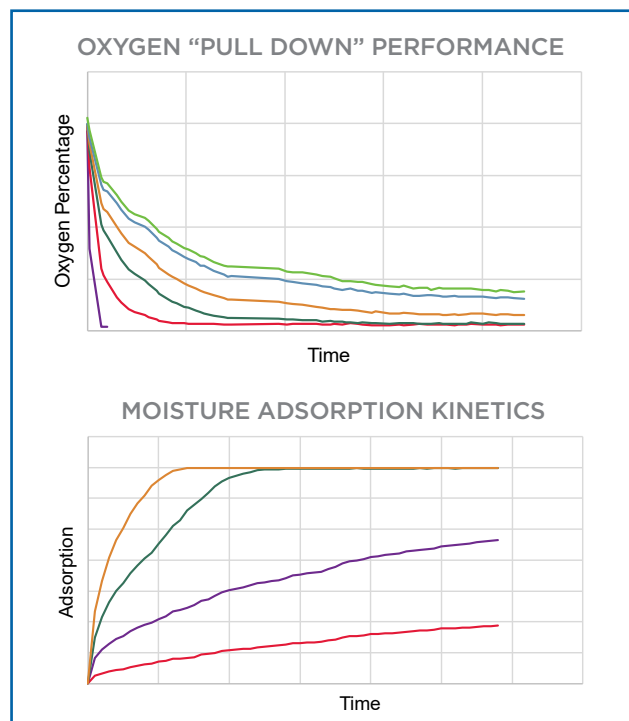
Portfolio of Active Packaging and Delivery Solutions

OXYGEN SCAVENGING:

- Approved reference product in the market
- No impact on drug product configuration
- Seamless oxygen scavenging integration
- Moisture not required to activate capabilities
- Supports ICH stability requirements
- Customized formulation tailored to desired shelf life (i.e. capacity up to $0.85 \text{ cm}^3/\text{cm}^2$)
- Controlled kinetics of oxygen scavenging

MOISTURE ADSORPTION:

- Approved reference product in the market
- Low particulate
- Customized, molded, active component
- Customized formulation tailored to desired shelf life
- Controlled kinetics of moisture adsorption
- Provides optimal microclimate environment



Serving Patient Needs

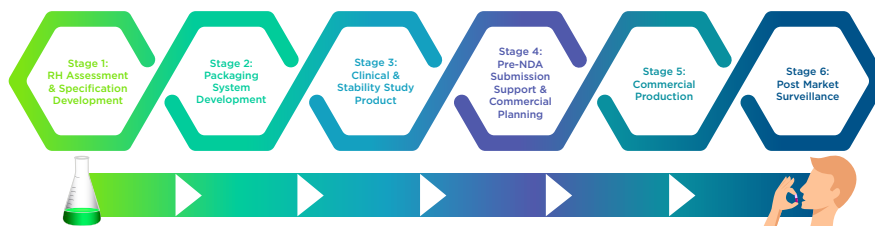


| Dermal | Diagnostics | Oral Solid Dose | Probiotics | Respiratory |

Partnering with Aptar CSP Technologies

- **Proven expertise**
Derisk and expedite your drug development process.
- **Expanded drug delivery options**
Bringing sensitive and complex formulations to market by enabling seamless integration of oxygen scavenging and moisture adsorption solutions.
- **Extend shelf life**
Integrated product protection for managing humidity, oxygen and VOCs without gas flush/purging, secondary packaging or refrigeration.
- **Full partner from concept to commercialization**
End-to-end development support from design to formulation development, stability, regulatory submission and market launch.

Xcelerate Development Services



Award-winning **Xcelerate Development Services** designed to expedite time-to-market.

csptechnologies.com

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