



Arvensis Bioscience s.r.o.
Horny Bar 331
93033
Slovakia

E-mail: info@arvensis.uk

Technical Data Sheet

Optically Clear qPCR Adhesive Seal

Description: Optically clear adhesive film, pressure activated adhesive, suitable for qPCR and other imaging techniques including crystallization.

Applications: qPCR. This sealing film has a high degree of optical clarity and light transmission for ease of read-through with little or no auto-fluorescence. Chemically inert extractables (except at extreme pH) and adheres well to a wide range of substrates

Important Usage Note: AMS-1003 is a microplate seal which has a proprietary pressure sensitive adhesive mechanism that ensures adhesive is only released when the seal comes into contact with the raised well rims. This enables easy positioning during application, as the seal is freely maneuverable until pressure is applied. The adhesive does not come into contact with the sample and provides enhanced optical clarity, as the adhesive is not activated in the area directly above the wells. No sticky residue remains on the microplate when the seal is removed. *Follow instructions on separate sheet for proper application.*

Construction:

Layer	Description	Thickness
Primary Material	Polyolefin film	50µm
Adhesive	Pressure sensitive silicone	50µm
Release Liner	White fluorosilicone coated polyester film	50µm
Total		150µm

Seal Integrity Range: -80°C to 110°C (with pressurized heated PCR lid)

Certification: Free from DNase, RNase, nucleases and human gDNA

Storage Conditions: Room temperature. Avoid direct exposure to light and high humidity

Material Safety Data: Non-hazardous

Ordering Information:

Product ID	Description
AMS-1003	Optically Clear qPCR Adhesive Seal, 140mm x 77mm, 100 sheets per pouch