



# MQ100

M & Q Packaging  
 1 Earl Street  
 PO Box 180  
 Schuylkill Haven, PA 17972

## Technical Data Sheet

### Product Description

MQ100 is a multi-layer bag material which delivers low transmission rates, strength and ease of sealing. MQ100 is intended for use in the food industry. It is available in a variety of sizes and seal configurations, for instance; bottom seal, gusseted or clipped bag.

Properties	Values	Test Methods
General:		
Thickness (mil)	4.50	ASTM D5947
Area Yield (sq. in./lb)	5980	ASTM D4321
Mechanical:	MD      TD	
Tensile Strength (psi)	7212      6600	ASTM D882
Elongation, %	486      635	ASTM D882
Permeability:		
Water Vapor Transmission Rate (grams/100 sq.in./day)		
73° F, 90% RH	.24 - .35	ASTM F1249
73° F, 100% RH	.22	ASTM F1249
Oxygen Transmission Rate (cc/100 sq. in./day)		
0% R.H., 73° F	1.2 – 1.6	ASTM D3985
85% RH., 73° F	1.7 – 1.8	ASTM D3985
100% RH., 73° F	1.1 – 1.2	ASTM D3985

*Notice: The values presented in this data sheet are typical values based on the thickness of the film and should not to be interpreted as product specifications. The statements, information and data given are believed to be accurate and reliable, but are presented without guarantee, warranty or responsibility of any kind, expressed or implied. Since the actual conditions of use and the specific uses of our products are beyond our control, all risks of such use are assumed by the user. The use of this product should be tested fully by the user in the specific application to determine fitness for use.*