

PROPERTIES OF HUSKY® YELLOW GUARD® VAPOR BARRIERS/RETARDERS

Properties	Test Method	ASTM E 1745 Class A Requirements	10 mil Yellow Guard® Vapor Retarder	15 mil Yellow Guard® Vapor Barrier	20 mil Yellow Guard® Vapor Barrier
Permeance	ASTM F 1249	0.1 perms*	0.028 perms* 0.0126 WVTR**	0.0082 perms* 0.0037 WVTR**	0.0073 perms* 0.0033 WVTR**
Puncture Resistance	ASTM D 1709 Method B	2200 g	3500 g	2300 g	3577 g
Tensile Strength	ASTM D 882	45.0 lbf/in	50 lbf/in	79.3 lbf/in	101.5 lbf/in
Permeance After Conditioning	ASTM E 154 ASTM F 1249				
	Section 8	0.1 perms	0.030 perms	0.0087 perms	0.0056 perms
	Section 11	0.1 perms	0.031 perms	0.0090 perms	0.0066 perms
	Section 12	0.1 perms	0.031 perms	0.0087 perms	0.0068 perms
	Section 13	0.1 perms	0.032 perms	0.0093 perms	0.0073 perms
Methane Transmission Rate	ASTM D 1434			182.91 mL(STP)/(m² • day)	94.27 mL(STP)/(m² • day)
Radon Permeability Coefficient				6.7 x 10 ⁻¹⁴ m²/sec	8.3 x 10 ⁻¹⁴ m²/sec
Thickness			10 mils	15 mils	20 mils
Roll Dimensions			14 ft x 210 ft	14 ft x 140 ft	14 ft x 105 ft
Roll Weight			142.4 lbs	142.4 lbs	142.4 lbs

All values are typical values and may vary within industry tolerances.

*Perm = grains/(ft² • hr • inHg)

**WVTR (Water Vapor Transmission Rate) in g/(100 in² • day)