

Below is a comparison of the test results of KleenWrap Commercial and Tyvek CommercialWrap.

While Tyvek is not to be used for floor protection, and KleenWrap Commercial is not intended to be used on exterior walls, they have the same properties of toughness and tear resistance, air porosity, water resistance and breathability (Water Vapor Transmission Rate).

Because general contractors, architects and engineers have great familiarity with Tyvek’s legendary toughness and benefits, we think a comparison to our Commercial product is of value to show their relative strengths. This is particularly true with the inclusion of test results using industry standard test methods.

PRODUCT	KleenWrap Commercial	Tyvek Commercial
Test Method / Description	For all of these durability tests, a higher number is better.	
Trapezoid Tear (ASTM D-1117) MD / CD	25 lbs / 28 lbs	12 lbs / 10 lbs
Tensile Strength ASTM D-882) MD / CD	70 lbs / 70 lbs	38 lbs / 35 lbs
Air Porosity (Tappi T-460) SEC / 100CC	Greater than 1500	Greater than 1500
Water Resistance (AATCC-127) (CM)	Greater than 400	280

Both products are breathable membranes which will allow trapped moisture vapor to escape, promoting a drying out effect.

Water Vapor Transmission Rate ASTM E-96A / ASTM E-96B	15 Perms / 18 Perms	23 Perms / 28 Perms
--	---------------------	---------------------

As these test results show, both are very tough products. KleenWrap Commercial is also available in a Non-Breathable version for applications when breathability is not specified. Obviously then the Water Vapor Transmission Rate and Air Porosity approach zero, the Water Resistance is improved.