

**DESCRIPTION:**

WATER-TITE 40 MIL. PVC MEMBRANE IS ORANGE IN COLOR; BOTH HAVE LINES EVERY 6" TO FACILITATE MEASURING AND CUTTING IN THE FIELD AND WAREHOUSE; IS IDENTIFIED BY NAME, THICKNESS, ASTM NUMBER, CODE LOGOS; STAMPINGS SPACED OUT AT INTERVALS OF NOT MORE THAN 2 FT. THE PRODUCTION CODE IS INCLUDED ON THE INSIDE OF EACH ROLL FOR FURTHER IDENTIFICATION. THE 40 MIL. PVC MATERIAL IS PRODUCED IN THREE CONVENIENT WIDTHS; 48", 60" AND 72".

SPECIFICATION TESTS AND WATER-TITE AVERAGE TEST RESULTS

TEST CRITERIA	ASTM D 4551 SPECIFICATIONS		WATER-TITE TEST RESULTS	
	GRADE 30	GRADE 40	GRADE 30	GRADE 40
THICKNESS INCHES	0.030	0.040	0.030	0.040
TENSILE STRENGTH, LBF/in. of WIDTH	60	80	81.3	119.2
TENSILE STRESS @ 100% LBF/in. of WIDTH	30	40	39.3	59.6
ELONGATION (ULTIMATE), %	300	300	340	320
TEAR RESISTANCE LBF/in. of THICKNESS	185	250	356	332
PINHOLES, NUMBER	none	none	none	none
MICRO-ORGANISM RESISTANCE, Fungal Growth	pass or fail	pass or fail	pass	pass
PUNCTURE RESISTANCE	pass or fail	pass or fail	pass	pass
INDENTATION RESISTANCE	pass or fail	pass or fail	pass	pass
FOLDING RESISTANCE	pass or fail	pass or fail	pass	pass
CHEMICAL RESISTANCE				
Distilled H ₂ O % Weight Change	+1% Max	+1% Max	0%	0%
Soapy H ₂ O % Weight Change	+2% Max	+2% Max	0%	0%
ALKALI	pass or fail	pass or fail	pass	pass
HYDROSTATIC PRESSURE TEST	pass or fail	pass or fail	pass	pass
SHRINKAGE, % DIMENSIONAL CHANGE				
Length	5% Max	5% Max	0.6%	0%
Width	5% Max	5% Max	1.25%	0.9%
VOLATILITY, % LOSS	1.5% Max	1.5% Max	0%	0%

*Note: No evidence of surface wetness or other signs of water penetration was detected on the tested specimens.

MODELS:

P 445, P 454, P 465, P 441 and P 451