

ADEKA A-30 LEAKAGE TEST PVC SHEETS WITH ADEKA A-30 SEALANT

PROJECT: LEAKAGE RATE TESTING
 PROJECT NO.: L011116-04
 LAB I.D. NO.: L011116-04-01
 MATERIAL: 9000 / 9900
 JOINT SEALANT: ADEKA A-30

PANEL WIDTH, w-in= 24
 WALL THICKNESS, t-in= 0.28
 TEST SPEC. LENGTH, L-in= 10

LEAK TEST DATA									
Elapsed Time	Pressure Head	Pressure Head	Flow Volume	Coll. Time	Flow Rate	Flow Rate per Meter of Joint	Hydraulic Gradient	Transmissivity	"Equivalent" Permeability*
hrs	h,psi	ft of Water	q, ml*	t,sec	ml/s	ml/s/m	i	m ² /s	cm/s
2	5.1	11.78	<1	23000	0.0	0.0	504	3.39E-13	<5.6E-11
2	13.7	31.64	<1	7200	0.0	0.0	1355	4.04E-13	<6.6E-11

* A unit of 1 ml is arbitrarily used as a "detection limit" for the purposes of calculating a permeability value.

**NOTE FLOW RATE = 0.0 AND FLOW VOLUME < 1
 HYDRAULIC CONDUCTIVITY = 0**