



PIERCAN USA INC.

Your critical link between product and personnel



Pressures for Glove Air Leak Testing

CSM				
PORT SIZE	GLOVE THICKNESS			
	15 MIL = 4/10		24 MIL = 6/10	
	P max	P min	P max	P min
6"	30 mbar = 0.45 psi	15 mbar = 0.22 psi	30 mbar = 0.45 psi	15 mbar = 0.22 psi
7"	20 mbar = 0.3 psi	10 mbar = 0.15 psi	20 mbar = 0.3 psi	10 mbar = 0.15 psi
8"	20 mbar = 0.3 psi	10 mbar = 0.15 psi	20 mbar = 0.3 psi	10 mbar = 0.15 psi
10"	20 mbar = 0.3 psi	10 mbar = 0.15 psi	20 mbar = 0.3 psi	10 mbar = 0.15 psi
12"	20 mbar = 0.3 psi	10 mbar = 0.15 psi	20 mbar = 0.3 psi	10 mbar = 0.15 psi

Pressures are in millibars and psi

Pressure minimum is after 1 hour leak

BUTYL						
PORT SIZE	GLOVE THICKNESS					
	15 MIL = 4/10		24 MIL = 6/10		30 MIL = 8/10	
	P max	P min	P max	P min	P max	P min
6"	20 mbar = 0.3 psi	10 mbar = 0.15 psi	20 mbar = 0.3 psi	10 mbar = 0.15 psi	20 mbar = 0.3 psi	10 mbar = 0.15 psi
7"	20 mbar = 0.3 psi	10 mbar = 0.15 psi	20 mbar = 0.3 psi	10 mbar = 0.15 psi	20 mbar = 0.3 psi	10 mbar = 0.15 psi
8"	15 mbar = 0.22 psi	8 mbar = 0.16 psi	15 mbar = 0.22 psi	8 mbar = 0.16 psi	15 mbar = 0.22 psi	8 mbar = 0.16 psi
10"	10 mbar = 0.15 psi	5 mbar = 0.07 psi	10 mbar = 0.15 psi	5 mbar = 0.07 psi	10 mbar = 0.15 psi	5 mbar = 0.07 psi
12"	10 mbar = 0.15 psi	5 mbar = 0.07 psi	10 mbar = 0.15 psi	5 mbar = 0.07 psi	10 mbar = 0.15 psi	5 mbar = 0.07 psi

Pressures are in millibars and psi

Pressure minimum is after 1 hour leak

POLYURETHANE / CSM						
PORT SIZE	GLOVE THICKNESS					
	12 MIL = 3/10		20 MIL = 5/10		24 MIL = 6/10	
	P max	P min	P max	P min	P max	P min
6"	30 mbar = 0.45 psi	15 mbar = 0.22 psi	30 mbar = 0.45 psi	15 mbar = 0.22 psi	30 mbar = 0.45 psi	15 mbar = 0.22 psi
7"	30 mbar = 0.45 psi	15 mbar = 0.22 psi	30 mbar = 0.45 psi	15 mbar = 0.22 psi	30 mbar = 0.45 psi	15 mbar = 0.22 psi
8"	30 mbar = 0.45 psi	15 mbar = 0.22 psi	30 mbar = 0.45 psi	15 mbar = 0.22 psi	15 mbar = 0.22 psi	8 mbar = 0.16 psi
10"	30 mbar = 0.45 psi	15 mbar = 0.22 psi	30 mbar = 0.45 psi	15 mbar = 0.22 psi	15 mbar = 0.22 psi	8 mbar = 0.16 psi
12"	15 mbar = 0.22 psi	8 mbar = 0.16 psi	15 mbar = 0.22 psi	8 mbar = 0.16 psi	15 mbar = 0.22 psi	8 mbar = 0.16 psi

Pressures are in millibars and psi

Pressure minimum is after 1 hour leak

REVISION HISTORY

REV	DESCRIPTION	AUTHOR	APPROVED	DATE
0	Initial Release	Alex V.	A.V.	9/30/08
1	Added the Polyurethane/Hypalon test table for UY gloves.	Alex V.	A.V.	7/02/09
2	Polyurethane/Hypalon table was: 24mil = 5/10 is: 20mil = 5/10	Alex V.	A.V.	8/03/09
3	Removed translation and changed HYPALON to CSM	Al S.	A.S	9/28/2011

