

Neoprene Pad Calibration Worksheet

Equipment ID: _____	Date: _____
Manufacturer: _____	Performed By: _____
Model #: _____	Last Calibration: _____
Serial #: _____	Next Calibration Due: _____
Storage Location: _____	

Calibration Item: Verify critical dimensions and document daily usage of neoprene pad
 Calibration Procedure: In-House Procedure for Verifying Neoprene Pads
 Calibration Equipment: Ruler or caliper readable to at least 1/16 inch or 1 mm

Pad No. _____	Date Placed into Service _____	
Shore A Hardness _____	Maximum Number of Uses _____	<input type="checkbox"/> 50 <input type="checkbox"/> 100
Pad Thickness _____	Tolerance 1/2 ± 1/16 in. (13 ± 2 mm)	Pass / Fail <input type="checkbox"/> Pass <input type="checkbox"/> Fail
Pad Diameter _____	not less than 1/16 in. (2 mm) smaller than retainer inside diameter	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Usage	Date	Initial	Usage	Date	Initial	Usage	Date	Initial	Usage	Date	Initial
1			26			51			76		
2			27			52			77		
3			28			53			78		
4			29			54			79		
5			30			55			80		
6			31			56			81		
7			32			57			82		
8			33			58			83		
9			34			59			84		
10			35			60			85		
11			36			61			86		
12			37			62			87		
13			38			63			88		
14			39			64			89		
15			40			65			90		
16			41			66			91		
17			42			67			92		
18			43			68			93		
19			44			69			94		
20			45			70			95		
21			46			71			96		
22			47			72			97		
23			48			73			98		
24			49			74			99		
25			50			75			100		

TABLE 1 Requirements for Use of Polychloroprene(Neoprene) Pads

Compressive Strength, ⁴ MPa [psi]	Shore A Durometer Hardness	Qualification Tests Required	Maximum Reuses
Less than 10 [1 500]		Not permitted	
10 to 40 [1 500 to 6 000]	50	None	100
17 to 50 [2 500 to 7 000]	60	None	100
28 to 50 [4 000 to 7 000]	70	None	100
50 to 80 [7 000 to 12 000]	70	Required	50
Greater than 80 [12 000]		Not permitted	

⁴ Compressive strength of concrete at age of testing as specified in Contract Documents. For acceptance testing, it is the specified compressive strength f'_c .

Pass / Fail _____
 Initial By _____