

# Chlorine Resistance Testing

<b>Chlorine Resistance Testing</b>			
<b>Aqua-Flex Porous Samples</b>			
6 inch by 6 inch by 0.50 inch thick samples			
<b>Exposure</b>			
Immersed in 2% (20,000ppm) sodium hypochlorite solution			
		<b>45 Days Exposure</b>	<b>14 Days Exposure</b>
			Samples severely degraded after 30 days
			too weak to be tested
<b>Results</b>		<b>Aqua-Flex Porous</b>	<b>EPDM</b>
Tensile strength before exposure	(PSI)	122	90
Tensile strength after exposure	(PSI)	122	53
Tensile elongation before exposure	(%)	48	62
Tensile strength after exposure	(%)	47	31
Appearance after exposure		no visible change in color or gloss	severe fading of color and loss of gloss
Toughness after exposure		unchanged elasticity	loss of elasticity breaks easily