

## Chemical Resistance TIKALFLEX Contact 12

Shore A Hardness **before** the chemical test :42

		Total exposure time	1 h	3 h	6 h	30 h	32 h
<b>Hydrochloride acid ( HCl )</b> ( 10% )	Just after clean	39	37	36	33	33	
	24 hr after clean	37	37	---	38	36	
<b>Nitric acid (HNO3 )</b> ( 10% )	Just after clean	39	34	33	30	30	
	24 hr after clean	37	36	35	32	33	
<b>Sulphuric acid ( H2SO4 )</b> ( 10% )	Just after clean	44	38	39	27	28	
	24 hr after clean	41	39	39	28	30	
<b>Phosphoric acid ( H3PO4 )</b> ( 10% )	Just after clean	40	38	38	36	36	
	24 hr after clean	40	39	40	39	41	
<b>Acetic acid ( CH3COOH )</b> ( 10% )	Just after clean	39	33	31	26	26	
	24 hr after clean	41	42	42	30	31	
<b>Citric acid **** (1)</b> ( 10% )	Just after clean	38	37	37	42	39	
	24 hr after clean	38	38	38	45	44	
<b>Lactic acid **** (2)</b> ( 10% )	Just after clean	41	37	36	38	31	
	24 hr after clean	39	40	41	45	40	
<b>Hydrogen peroxide (H2O2)</b> ( 30% )	Just after clean	37	37	35	29	33	
	24 hr after clean	40	41	40	36	35	
<b>Ethanol (C2H5OH)</b> ( 100% )	Just after clean	34	32	32	34	35	
	24 hr after clean	38	37	38	42	42	
<b>Xylene ( C6H5CH3 )</b> ( 100% )	Just after clean	31	21	22	25	18	
	24 hr after clean	35	33	34	37	39	
<b>M E K ( MeCOEt )</b> ( 100% )	Just after clean	38	35	35	40	37	
	24 hr after clean	39	38	40	44	45	
<b>Mineral Spirit</b> ( 100% )	Just after clean	35	32	31	28	35	
	24 hr after clean	38	37	37	43	45	
<b>Petrol,unleaded</b> ( 100% )	Just after clean	32	26	27	25	23	
	24 hr after clean	35	35	36	37	38	
<b>Diesel</b> ( 100% )	Just after clean	36	32	29	25	23	
	24 hr after clean	36	36	30	24	26	
<b>Sodium Hydroxide ( NaOH )</b> ( 10% )	Just after clean	40	37	37	38	36	
	24 hr after clean	38	40	40	39	38	
<b>Sodium chloride ( NaCl )</b> ( 10% )	Just after clean	38	38	36	37	36	
	24 hr after clean	37	38	39	37	38	
<b>Sodium hypochloride (NaClO)</b> ( 12% )	Just after clean	36	36	34	33	35	
	24 hr after clean	39	37	38	36	37	
<b>Distilled water</b> ( 10% )	Just after clean	40	37	37	38	38	
	24 hr after clean	37	38	35	39	38	
<b>Sugar solution saturated</b> Saturated	Just after clean	40	38	37	39	37	
	24 hr after clean	40	38	37	39	39	
<b>Vegetable Oil</b> ( 100% )	Just after clean	39	36	35	35	38	
	24 hr after clean	37	36	35	34	34	

\*\*\*\*(1) : HOOCCH2C(OH)(COOH)CH2COOH

\*\*\*\*(2) : CH3CH(OH)COOH