

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