

CHEMICAL RESISTANCES



Section

Name

Chemical Resistance Table.

Last Updated

07/08

Aim

Tabulate the chemical resistance qualities of **SCUBAPOX 5335**.

Scope

Results for most common industrial and aggressive chemicals are shown.

References

Chemical Resistance Table – SCUBAPOX 5335

Reagent	Time	% Weight Change	Hardness	Hardness (after recovery)
Petrol	3 hrs	15.15	10.33	17.66
	24 hrs	35.85	7.67	14.00
	3 days	58.92	5.33	11.33
	8 days	66.51	3.00	9.00
	28 days	69.71	3.33	
10% Phosphoric Acid	3 hrs	1.45	20.67	21.67
	24 hrs	3.99	18.00	19.00
	3 days	7.16	16.33	16.33
	8 days	12.22	14.00	19.00
	28 days	22.83	10.67	
10% HCl	3 hrs	2.05	20.00	21.67
	24 hrs	8.38	15.67	17.33
	3 days	19.44	9.67	11.67
	8 days	34.20	5.00	7.67
	28 days	70.81	1.67	
10% Sodium Hypochlorite	3 hrs	1.39	21.00	21.67
	24 hrs	1.77	17.67	19.67
	3 days	3.71	16.00	17.33
	8 days	3.29	20.33	19.33
	28 days	4.14	14.67	
50% Sodium Hydroxide	3 hrs	1.19	20.33	24.67
	24 hrs	0.85	19.33	21.67
	3 days	1.08	17.33	20.00
	8 days	1.48	22.33	17.67
	28 days	1.76	14.67	
30% Sulphuric Acid	3 hrs	2.73	20.00	21.00
	24 hrs	7.89	16.33	20.33
	3 days	15.51	15.00	15.67
	8 days	27.25	14.00	8.00
	28 days	61.38	3.00	
Distilled Water	3 hrs	1.70	20.00	18.33
	24 hrs	2.65	19.00	16.33
	3 days	3.48	16.00	14.00
	7 days	3.58	13.00	12.33
	28 days	5.31	10.33	
Ethanol	3 hrs	4.34	15.00	16.67
	24 hrs	16.70	7.67	12.67
	3 days	30.40	3.67	11.67
	7 days	46.91	2.67	9.67
	28 days	60.87	1.67	
Kerosene	3 hrs	2.76	19.33	21.00
	24 hrs	7.71	14.00	18.67
	3 days	11.35	10.33	15.00
	7 days	17.55	11.33	12.00
	28 days	22.43	9.00	

“Sticky when wet!”...SCUBAPOX