

Chemical testing of gloves and mittens with granulated surface EN ISO 374-1:2016
JokaHold, JokaTop, JokaXrp, JokaPolar, JokaTherm, JokaHold Strong, JokaTop Strong

Chemical testing of gloves and mittens with smooth surface EN ISO 374-1:2016
JokaXO, JokaOiler, JokaOiler35SP, JokaOiler45, JokaNordic, JokaArctic, JokaStark
JokaOiler Strong

Applications of the tested chemicals

	CAS No.	Penetration level	Min. breakthrough time (min)	Penetration level	Min. breakthrough time (min)
K : Sodium hydroxide 40%, NaOH <ul style="list-style-type: none"> Paper industry Manufacturing of medicines Substance used in detergents and drain cleaners 	1310-73-2	6	480	6	480
L : Sulfuric acid 96%, H₂SO₄ <ul style="list-style-type: none"> Manufacture of fertilizers Manufacturing of colorants, medicines and explosives Oil refining Battery acid 	7664-93-9	2	30	3	60
M : Nitric acid 65%, HNO₃ <ul style="list-style-type: none"> Manufacturing of fertilizers Manufacturing of colorants, medicines and explosives Manufacturing of synthetic fibers 	7697-37-2	3	60	3	60
P : Hydrogen peroxide 30%, H₂O₂ <ul style="list-style-type: none"> Pulp and textile bleaching agent Disinfectant in the pharmaceutical and food industry Cosmetics 	7722-84-1	6	480	6	480
S : Hydrofluoric acid 40%, HF <ul style="list-style-type: none"> Oil refining Manufacturing of glass and steel Aluminum production 	7664-39-3	6	480	5	240
T : Formaldehyde 37%, CH₂O <ul style="list-style-type: none"> Manufacturing of resins and mineral wool Manufacturing textile and cosmetic products Manufacturing of various adhesives, cellulose and explosives 	50-00-0	6	480	6	480

Determination of the penetration time of the palm of the glove (1ugm / cm² / min)

Penetration level	1	2	3	4	5	6
Min. breakthrough time (min)	10	30	60	120	240	480



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