



Chemical Compatibility Guide for: Kappler® Chem Tape™

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Chem-Tape® Permeation Test Data

Chemical Name	Concentration	Breakthrough Time	Permeation Rate	SDL
	(%)	Normalized (min)	(ug/cm ² /min)	(ppm)
ACETONE	100	>480	ND*	0.020
ACETONITRILE	100	>480	ND*	0.020
AMMONIA GAS	100	>480	ND*	0.500
AMMONIA LIQUID	100	>480	ND*	0.500
CARBON DISULFIDE	99	>480	ND*	0.100
CHLORINE GAS	99	>480	ND*	0.050
CHLORINE LIQUID	99	>480	ND*	0.050
DICHLOROMETHANE	100	>480	ND*	0.020
DIETHYLAMINE	100	160	7.22	0.020
DIMETHYLFORMAMIDE N,N-	100	>480	ND*	0.020
HEXANE n-	100	>480	ND*	0.020
HYDROFLUORIC ACID	48-51	>480	ND*	0.100
METHANOL	100	>480	ND*	0.020
MUSTARD (HD) CHEMICAL AGENT	99	>480	N/A	N/A
NERVE (VX) CHEMICAL AGENT	99	>480	N/A	N/A
NITRIC ACID	70	>480	ND*	0.025
NITROBENZENE	100	>480	ND*	0.020
SARIN (GB) CHEMICAL AGENT	99	>480	N/A	N/A
SODIUM HYDROXIDE	50	>480	ND*	0.050
SOMAN (GD) CHEMICAL AGENT	99	>480	N/A	N/A
SULFURIC ACID	96	>480	ND*	0.050
TETRACHLOROETHYLENE 1,1,2,2-	100	>480	ND*	0.020
TETRAHYDROFURAN	100	>480	ND*	0.020
TOLUENE	99	>480	ND*	0.020