

Viking HDS1000 Permeation Test Results

Chemical	Permeation breakthrough time, minutes			EN 14225-2 protection index
	Material	Seam	Zipper	
Sulfuric acid, H ₂ SO ₄ 50% (aqueous)	> 480	> 480	> 480	High
Sodium hydroxide, NaOH 50% (aqueous)	> 480	> 480	> 480	High
Isopropanol	> 480	> 480	> 480	High
Toluene 0.05% (aqueous)	> 480	> 480	> 480	High
Liquid B [Petroleum] (70%iso octane / 30% toluene)	127	126	48	High/low
Liquid F [Diesel/Aviation Fuel] (80% paraffin oil / 20% 1-methyl napthalene)	> 480	> 480	> 480	High