

CHEMICAL IMMERSION TESTING REPORT

RAPP-IT PIPE REPAIR SYSTEM



50mm (2") Rapp-it Pipe Repair Bandages were rolled to five layers and submerged in the following chemicals for a period of one month. The changes, if any, are outlined below.

Immersion Testing Results

Substance	Visual Observation	Physical Observation
Hydrochloric Acid 30%	Severe Discolouration	No softening of Bandage
Sulfuric Acid 30%	Slight Discolouration	No softening of Bandage
Caustic Soda 20% (NaOH 20%)	No Colour Change	Slightly reduced hardness. Bandage maintained integrity
Caustic Soda 50% (NaOH 50%)	No Colour Change	Slightly reduced hardness. Bandage maintained integrity
Ethanol	No Colour Change	No softening of Bandage
Diesel	No Colour Change	No softening of Bandage
Gasoline	No Colour Change	No softening of Bandage
MEK	Slight Discolouration	No softening of Bandage
Xylene	Slight Discolouration	No softening of Bandage
Mineral Spirits	Slight Discolouration	No softening of Bandage
Pure Water	No Colour Change	No softening of Bandage
Acetone	Slight Colour Change	No softening of Bandage
Toluene	No Colour Change	No softening of Bandage
Nitric Acid 50%	Severe Discoloration	Slightly reduced hardness. Bandage maintained integrity

Rapp-it Steel Putty is resistant to hydrocarbons, ketones, esters, alcohols, halocarbons, aqueous salt solutions, dilute acids and bases.

All appropriate PPE and safety measures must be followed. Refer to our SDS for further information. Please contact our office if you require specific advice.

