

# Resin Chemical Resistance

## Pipe Doctor Patch Repair

### Material Type

Resistance list for Pipe Doctor Resin Types Summer, Winter & Rapid (S, W, W01, L30E1, L30E3 and L40) at 20°C.

### Chemical Resistance

Chemical	Resistance	Chemical	Resistance	Chemical	Resistance
<b>Organic Compounds</b>		Furfurylalkohol	++	Lubricant greases	++
Acetone	-	Glutaraldehyd	++	Shock Absorber Oil	++
Aneline	++	Glycol	++	Styrene	++
ASTM-Fuel A	++	Glyoxal	++	Cooking Oil	++
ASTM-Fuel B	++	Glycerol	++	Tetrachlormethane	++
ASTM-Fuel C	++	Hydraulic Oil	++	Tetrahydrofuran	-
Petrol (90 Oct.)	++	Isocatane	++	Toluene	++
Benzin (95 Oct.)	++	Heating Oil	++	Transformer Oil	++
Benzene	+	Isopropyl alcohol	++	Trichlorethene	+
Benzylbenzoate	++	Kerosene	++	<b>Inorganic Compounds</b>	
Buty acetate	+	Firnis	++	Calciumchlorid, ≤50%	++
Cracker Oil	++	Methanol	+	Potash	++
Cyclohexanol	++	Methylethylketon	+	Seawater	++
Cyclohexanon	++	Methylene chloride	+	Sodium Chloride, ≤30%, watery	++
Dibutylphthalat	++	Mineral Oil, choice refind	++	Caustic Soda, ≤40%	++
Diesel fuel	++	Mineral Insulating Oil	++	Phosphoric Acid, ≤10%	++
Dimethylformamid	-	Lactic Acid, 90%	++	Nitric Acid ≤40%	++
Dioctyll	++	Motor oil	++	Hydrochloric Acid, ≤40%	+
Acetic Acid, 10%	++	Perchlorethylene	+	Sulfuric Acid, ≤40%	++
Acetic Acid, 96%	++	Petrolether	++	Drinking Water	++
Ethyl acetate	+	Phenol	+	Distilled Water	++
Ethylene carbonate	++	Propylene carbonate	++		
Fluorocarbon	++	Quenchoil	++		
Furfural	++				

### Municipal Sewage:

- pH 2–14
- Winterdienstnotizen A-200.
- Safeway SD.

### Hot Liquids:

- Greases and Oils up to 100°C, short time.
- Watery Solutions up to 200°C, long time.

### Legend:

++	resistant
+	partly resistant
-	long term not resistant
--	short term not resistant

## S1E Limited Specialist Suppliers of Trenchless Technology

### No-dig Pipeline Repair

S1E Limited is a specialist supplier of trenchless technologies to the drainage repair industry. The company focuses on sourcing quality products for professional use. They are all tried and tested in the field to produce impressive results. S1E distributes high-quality products from market-leading manufacturers for the drainage repair industry. Products include camera inspection systems, cutting and cleaning tools, CIPP lining equipment and consumables, mechanical point repair devices, rat blockers and other site consumables.

S1E Limited is committed to being a quality supplier, with a focus on customer service. S1E is proud to be an active member of the UK Society for Trenchless Technology.

First established in 2007 as Fernco Environmental, the company's mission was to seek out repair products for the infrastructure repair and water management markets. Since 2016, it has re-focused its ranges to the specialist field of trenchless repair, with a growing portfolio in this specialist area.

The company is owned by Cooper Companies Inc, a US-based leader in the production of pipe couplings. The Group also owns companies in Canada, Mexico, Brazil, Germany and France, as well as the UK-based sister company to S1E, Fernco (previously, Flexseal).

It is accredited to ISO 9001: 2015 for its Quality Management System. It is also accredited to ISO 14001: 2015 for its Environmental Management System.



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