



### Inulation & Jacket Material Characteristics Comparison Chart

1=Poor, 2=Fair, 3=Good, 4=Very Good, 5=Excellent

Chemical	Neoprene (PCP)	Chlorinated Sulfonated Polyethylene (CSP/CSPE)	Chlorinated Polyethylene (CPE)	Polyurethane (PU)	Ethylene Propylene (EPR)	Polyvinyl Chloride (PVC)
Acetic acid	1	2	2	2	1	1
Benzene	2	2	2	1	1	2
Bitumous tar	3	3	3	3-4	1	3
Bleach (NaClO <sub>2</sub> )	4	4	4	2	5	4
Coke oven gas	4	4	4	4	4	4
Diesel oil	2	4	4	4	2	4
Ethylene glycol	4	4	4	2	5	3
Gasoline	3	3	3	5	2	2
Hydraulic oil	4	4	4	5	1	4
Hydrochloric acid (21%)	5	5	5	2	1	4
Hydrogen sulphide	5	4	5	1	5	4
Kerosene	3	3	3	4	2	2
Methanol	5	5	5	2	5	3
Methyl ethyl keton	3	3	3	3	5	1
Nitric acid (10%)	3	5	5	2	5	4
Phosphoric acid (60%)	4	5	5	3	5	5
Picric acid (10%)	5	5	5	2	4	5
Potassium chloride	5	5	5	5	5	5
Sodium hydroxide (25%)	5	5	5	1	5	3
Sulphuric acid (50%)	5	5	5	1	5	4
Transformer oil	3-4	3	4	5	2	4
Trichlorethylene	1	1	1	1-2	1	1
Vegetable oils & fats	4	4	4	5	4	4
UV resistance	5	5	5	5	5	3
Ozone resistance	4	4-5	4-5	5	5	5
Water resistance	5	5	4	2	5	3
Tear & notch resistance	4-5	3	4	5	2-3	4
Low temp. flexibility	4-5	4	3	5	5	3
Abrasion resistance	4-5	4	3-4	5	3	4