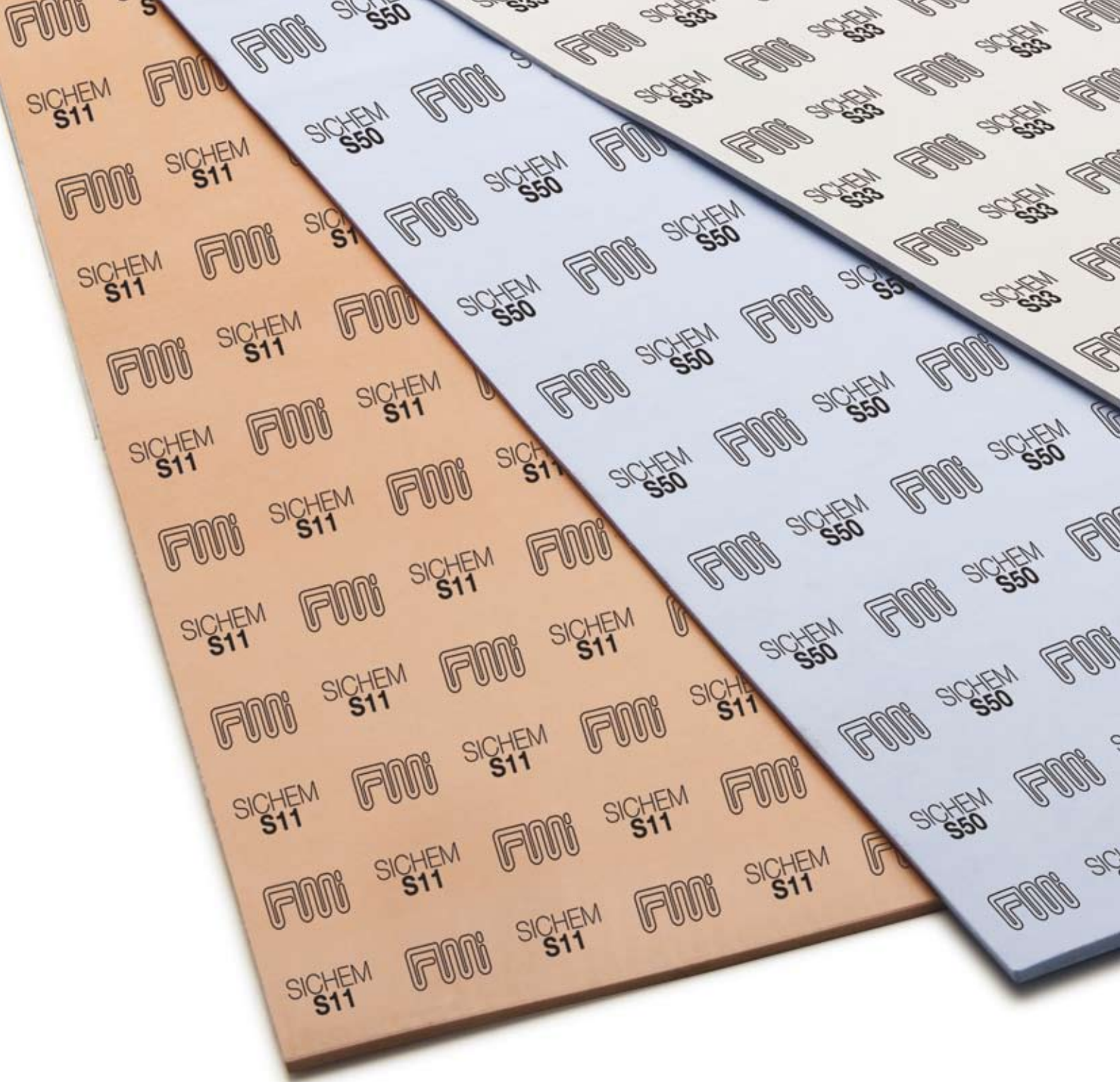




Sichem®

Biaxially-oriented PTFE sheets



FMI is an Italian manufacturing company specialised in the processing of PTFE, graphite and all the main asbestos-free materials used for the production of gasketing materials, gaskets and semi finished products of high technical value.

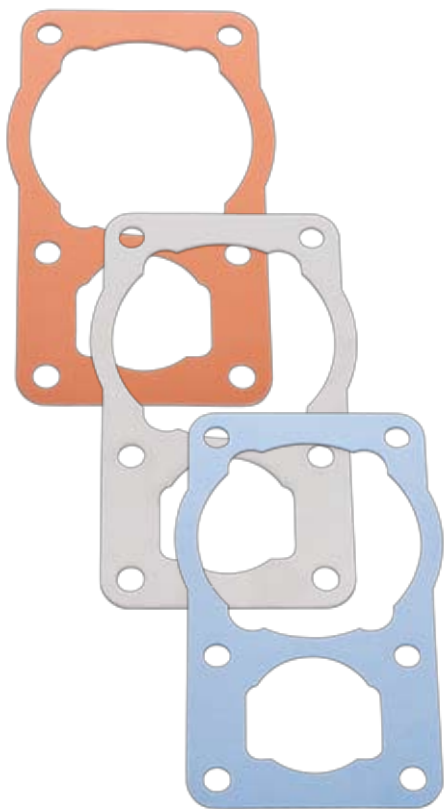
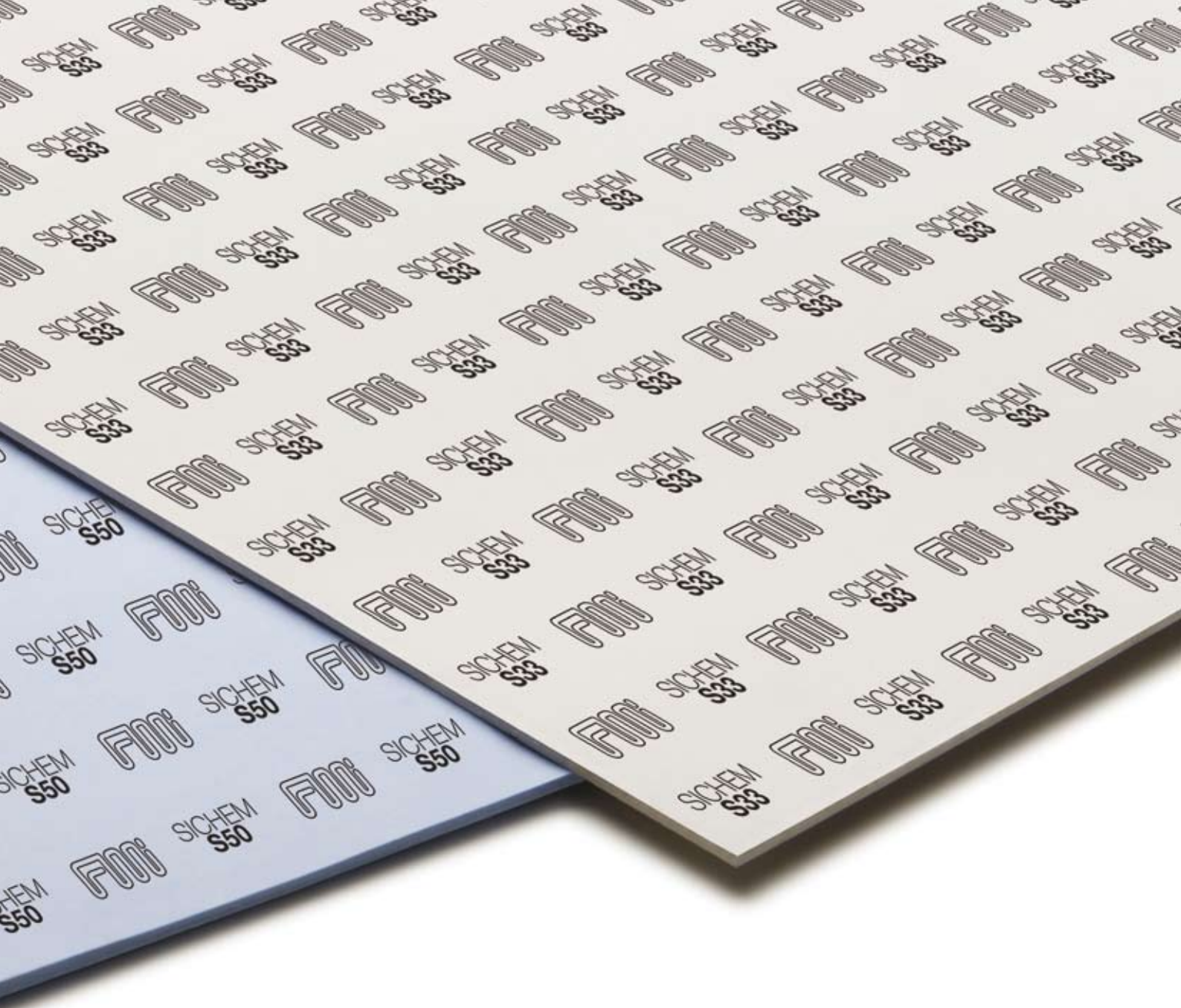
The company's current structure has resulted from progressive developments over the years which have led to the engineering of unique processing and manufacturing methods.

FMI manufactures leading-edge products and innovative solutions which are protected by international patents.

FMI's underlying goal is to provide the best quality, as certified by all major independent examination institutes.

Our products are our best guarantee suitable for all types of customers and applications, both standard and critical.

For a detailed list of approvals, please visit the dedicated area on our website www.fmi-spa.com/approvals








The SICHEM® product range is our biaxially-oriented PTFE sheet solution, combining excellent chemical resistance with optimal sealing performance.

The SICHEM® product range is developed for processes ranging from cryogenic temperatures up to +260° C and is suitable across the entire range of aggressive media (ph 0 to 14).

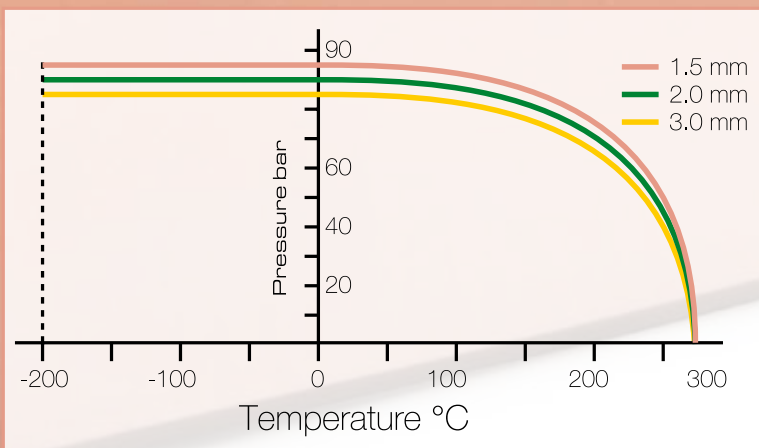
SICHEM® is the right solution to achieve the lowest creep value, and seal integrity when it is vital to achieve minimum leakage and conventional PTFE based materials are not suited.

SICHEM® range of products is a high performance biaxially oriented sheet sealing material containing modified PTFE or microcellular modified PTFE, with many different fillers to suite all the sealing across the working Ph.

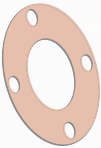




SICHEM®	S11	S33	S50	S59	Diaphragm
Colour					
Composition	Modified PTFE with Silica filler	Modified PTFE with Barium sulphate filler	Modified PTFE with Hollow Glass microspheres filler	Modified PTFE with Mica filler	Pure modified PTFE
Density ASTM F 1315 (g/cm³)	2.2	2.8	1.4	2.1	2.18
Temperature operating range (°C)	-260/+260	-260/+260	-260/+260	-260/+260	-260/+260
Max operating pressure (bar)	80	80	50	80	Please contact FMI technical service
P x T Max. (Thk 0.8 - 2.0 mm) (bar x °C)	12000	12000	12000	12000	-
P x T Max. (Thk 3.0 mm) (bar x °C)	8500	8500	8500	8500	-
Leakage DIN 3535-6 (mg*s ⁻¹ *m ⁻¹)	<0.05	<0.005	<0.05	<0.005	<0.005
Creep relaxation DIN 3535-6 (%)	<24	<28	<19	<42	<55
Compressibility DIN 3535-6 (%)	>4	>4.3	>32	>4.8	>11
Recovery DIN 3535-6 (%)	>1.7	>2.1	>7	>3.2	>5
pH range	0-14	0-14	0-14	0-14	0-14
Availability					
Sheets size (mm)	1.500x1.500 1.750x1.750	1.500x1.500 1.750x1.750	1.500x1.500 1.750x1.750	1.500x1.500 1.750x1.750	1.000x1.000 1.500x1.500
Thickness (mm)	0,75/1,0/2,0/2,5/3,0/4,0/5,0/6,0	0,75/1,0/2,0/2,5/3,0/4,0/5,0/6,0	0,75/1,0/2,0/2,5/3,0/4,0/5,0/6,0	0,75/1,0/2,0/2,5/3,0/4,0/5,0/6,0	0,75/1,0/2,0/2,5/3,0/4,0/5,0/6,0
Tolerances					
Sheets size (mm)	+/- 50	+/- 50	+/- 50	+/- 50	+/- 50
Thickness (%)	+/- 10	+/- 10	+/- 10	+/- 10	+/- 10

Specific features of SICHEM® S11

Pressure Containment and Temperature



For a detailed list of approvals, please visit the dedicated area on our website www.fmi-spa.com/approvals

S90	S91	S60	S58	S66	S92	S93
						
Microcellular Modified PTFE with Silica filler	Microcellular Modified PTFE with Barium sulphate filler	Microcellular Modified PTFE with Inorganic fillers	Microcellular Modified PTFE layers with Pure modified PTFE core	Microcellular Modified PTFE with SS316L tanged core	Microcellular Modified PTFE with graphite	Microcellular Modified PTFE with mica
1,35	2.0	0.85	1.3	1.2	1.45	1.2
-260/+260	-260/+260	-260/+260	-260/+260	-260/+260	-260/+260	-260/+260
70	70	80	80	170	50	50
12000	12000	12000	12000	25000	12000	12000
8500	8500	8500	8500	15000	8500	8500
<0.03	<0.005	<0.002	<0.002	<0.01	<0.005	<0.001
<14	<18	<12	<26	<5	<27	<16
>40	>35	>55	>44	>41	>42	>50
>6	>6	>5	>6.3	>6	>12	>5
0-14	0-14	0-14	0-14	0-14	0-14	0-14
1,500x1,500 1,750x1,750 <small>1,0/1,5/2,0/2,5/3,0/4,0/5,0/6,0</small>	1,500x1,500 1,750x1,750 <small>1,5/2,0/2,5/3,0/4,0/5,0/6,0</small>	1,500x1,500 1,750x1,750 <small>1,0/1,5/2,0/2,5/3,0/4,0/5,0/6,0</small>	1,500x1,500 1,750x1,750 <small>1,5/2,0/2,5/3,0/4,0/5,0/6,0</small>	1,500x1,500 <small>1,0/1,5/2,0/2,5/3,0/4,0/5,0/6,0</small>	1,500x1,500 1,750x1,750 <small>1,5/2,0/2,5/3,0/4,0/5,0/6,0</small>	1,500x1,500 1,750x1,750 <small>1,5/2,0/3,0/4,0/5,0/6,0</small>
+/- 50 +/- 10	+/- 50 +/- 10	+/- 50 +/- 10	+/- 50 +/- 10	+/- 50 +/- 10	+/- 50 +/- 10	+/- 50 +/- 10

Using a patented process, we produce materials that have special controlled microporosity and a close-cell structure. Products from the SICHEM® family achieve high compression and sealability at low bolt torque values. They are optimized for applications with irregular sealing surfaces, compromised load capacity, or replacement of envelope gaskets.



biaxially oriented structure



microcellular structure



multilayers versions

Other sheet sizes and thicknesses available upon request.
Maximum temperature and pressure values cannot be used simultaneously.
Typical parameters of 2 mm thickness jointing.

Chemical compatibility guide for Slichem®

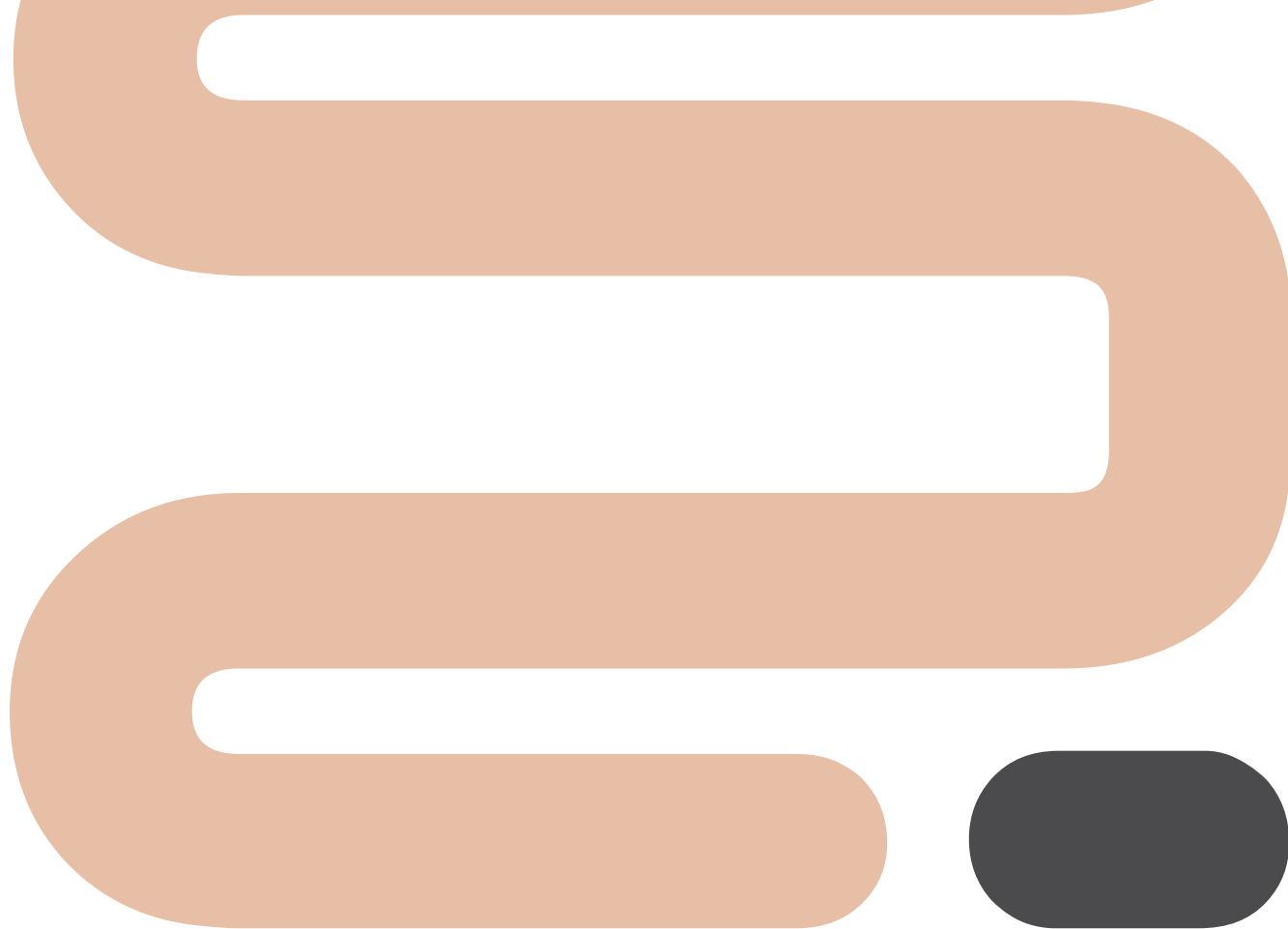


	SICHEM® S11- S90	SICHEM® S50	SICHEM® S33 - S91	SICHEM® S58 - S60	SICHEM® S59 - S93	DIAPHRAGM	SICHEM® S66
Acetaldehyde	●	●	●	●	●	●	●
Acetamide	●	●	●	●	●	●	●
Acetic Acid	●	●	●	●	●	●	●
Acetic Anhydride	●	●	●	●	●	●	●
Acetone	●	●	●	●	●	●	●
Acetonitrile	●	●	●	●	●	●	●
Acetophenone	●	●	●	●	●	●	●
Acetylaminofluorene	●	●	●	●	●	●	●
Acetylene	●	●	●	●	●	●	●
Acrolein	●	●	●	●	●	●	●
Acrylamide	●	●	●	●	●	●	●
Acrylic Acid	●	●	●	●	●	●	●
Acrylic Anhydride	●	●	●	●	●	●	●
Acrylonitrile	●	●	●	●	●	●	●
Adipic Acid	●	●	●	●	●	●	●
Adiponitrile	●	●	●	●	●	●	●
Air	●	●	●	●	●	●	●
Allyl Acetate	●	●	●	●	●	●	●
Allyl Chloride	●	●	●	●	●	●	●
Allyl Methacrylate	●	●	●	●	●	●	●
Aluminum Chloride	●	●	●	●	●	●	●
Aluminum Fluoride	●	●	●	●	●	●	●
Aluminum Hydroxide (Solid)	●	●	●	●	●	●	●
Aluminium, Molten	●	●	●	●	●	●	●
Aluminum Nitrate	●	●	●	●	●	●	●
Aluminum Sulfate	●	●	●	●	●	●	●
Alums	●	●	●	●	●	●	●
Aminodiphenyl	●	●	●	●	●	●	●
Ammonia, Gas, 70°C and below	●	●	●	●	●	●	●
Ammonia, Gas, Above 70°C	●	●	●	●	●	●	●
Ammonia, Liquid, Anhydrous	●	●	●	●	●	●	●
Ammonium Chloride	●	●	●	●	●	●	●
Ammonium Hydroxide	●	●	●	●	●	●	●
Ammonium Nitrate	●	●	●	●	●	●	●
Ammonium Phosphate, Monobasic	●	●	●	●	●	●	●
Ammonium Phosphate, Dibasic	●	●	●	●	●	●	●
Ammonium Phosphate, Tribasic	●	●	●	●	●	●	●
Ammonium Sulfate	●	●	●	●	●	●	●
Amyl Acetate	●	●	●	●	●	●	●
Amyl Alcohol	●	●	●	●	●	●	●
Aniline, Aniline Oil	●	●	●	●	●	●	●
Aniline Hydrochloride	●	●	●	●	●	●	●
Aniline Dyes	●	●	●	●	●	●	●
Anisidine	●	●	●	●	●	●	●
Antimony trichloride	●	●	●	●	●	●	●
Aqua Regia	●	●	●	●	●	●	●
Aroclors or Arochlor	●	●	●	●	●	●	●
Aromatic Hydrocarbons	●	●	●	●	●	●	●
Arsenic Acid	●	●	●	●	●	●	●
Arsenous Acid	●	●	●	●	●	●	●
Asphalt	●	●	●	●	●	●	●
Aviation Gasoline	●	●	●	●	●	●	●
Barium Chloride	●	●	●	●	●	●	●
Barium Hydroxide	●	●	●	●	●	●	●
Barium Sulfide	●	●	●	●	●	●	●
Baygon	●	●	●	●	●	●	●
Beer	●	●	●	●	●	●	●
Benzaldehyde	●	●	●	●	●	●	●
Benzene, Benzol	●	●	●	●	●	●	●
Benzene Sulphonic Acid	●	●	●	●	●	●	●
Benzidine	●	●	●	●	●	●	●
Benzoic Acid	●	●	●	●	●	●	●
Benzonitrile	●	●	●	●	●	●	●
Benzoquinones	●	●	●	●	●	●	●
Benzotrichloride	●	●	●	●	●	●	●
Benzoyl Chloride	●	●	●	●	●	●	●
Benzyl Alcohol	●	●	●	●	●	●	●
Benzyl Chloride	●	●	●	●	●	●	●
Bio-diesel (B100)	●	●	●	●	●	●	●
Biphenyl	●	●	●	●	●	●	●
Bis(2-chloroethyl)ether	●	●	●	●	●	●	●
Bis(chloromethyl)ether	●	●	●	●	●	●	●
Bis(2-ethylhexyl)phthalate	●	●	●	●	●	●	●
Black Sulfate Liquor	●	●	●	●	●	●	●
Blast Furnace Gas	●	●	●	●	●	●	●
Bleach (Sodium Hypochlorite)	●	●	●	●	●	●	●
Boiler Feed Water	●	●	●	●	●	●	●
Borax	●	●	●	●	●	●	●
Boric Acid	●	●	●	●	●	●	●
Brine (Sodium Chloride)	●	●	●	●	●	●	●
Bromine	●	●	●	●	●	●	●
Bromine Trifluoride	●	●	●	●	●	●	●
Bromoform	●	●	●	●	●	●	●
Bromomethane	●	●	●	●	●	●	●
Butadiene	●	●	●	●	●	●	●
Butane	●	●	●	●	●	●	●
Butanone	●	●	●	●	●	●	●
Butyl Acetate	●	●	●	●	●	●	●
Butyl Alcohol, Butanol	●	●	●	●	●	●	●
Butyl Amine	●	●	●	●	●	●	●
tert-Butyl Amine	●	●	●	●	●	●	●
Butyl Methacrylate	●	●	●	●	●	●	●
Butyric Acid	●	●	●	●	●	●	●
Calcium Bisulfite	●	●	●	●	●	●	●
Calcium Chloride	●	●	●	●	●	●	●
Calcium Cyanamide	●	●	●	●	●	●	●
Calcium Hydroxide	●	●	●	●	●	●	●
Calcium Hypochlorite	●	●	●	●	●	●	●
Calcium Nitrate	●	●	●	●	●	●	●
Cane Sugar Liquors	●	●	●	●	●	●	●
Caprolactam	●	●	●	●	●	●	●
Captan	●	●	●	●	●	●	●
Carbaryl	●	●	●	●	●	●	●
Carbolic Acid, Phenol	●	●	●	●	●	●	●
Carbon Dioxide, Dry	●	●	●	●	●	●	●
Carbon Dioxide, Wet	●	●	●	●	●	●	●
Carbon Disulfide	●	●	●	●	●	●	●
Carbon Monoxide	●	●	●	●	●	●	●
Carbon Tetrachloride	●	●	●	●	●	●	●
Carbolic Acid	●	●	●	●	●	●	●
Carbonyl Sulfide	●	●	●	●	●	●	●
Castor Oil	●	●	●	●	●	●	●
Catechol	●	●	●	●	●	●	●
Caustic Soda	●	●	●	●	●	●	●
Cetane (Hexadecane)	●	●	●	●	●	●	●
China Wood Oil	●	●	●	●	●	●	●
Chloramben	●	●	●	●	●	●	●
Chlorazotic Acid (Aqua Regia)	●	●	●	●	●	●	●
Chlordane	●	●	●	●	●	●	●
Chlorinated Solvents, Dry	●	●	●	●	●	●	●
Chlorinated Solvents, Wet	●	●	●	●	●	●	●
Chlorine, Dry	●	●	●	●	●	●	●
Chlorine, Wet	●	●	●	●	●	●	●
Chlorine Dioxide	●	●	●	●	●	●	●
Chlorine Trifluoride	●	●	●	●	●	●	●
Chloroacetic Acid	●	●	●	●	●	●	●
Chloroacetophenone	●	●	●	●	●	●	●
Chlorobenzene	●	●	●	●	●	●	●
Chlorobenzilate	●	●	●	●	●	●	●
Chloroethane	●	●	●	●	●	●	●
Chloroethylene	●	●	●	●	●	●	●
Chloroform	●	●	●	●	●	●	●
Chloromethyl Methyl Ether (CMME)	●	●	●	●	●	●	●
Chloronitrous Acid (Aqua Regia)	●	●	●	●	●	●	●
Chloroprene	●	●	●	●	●	●	●
Chlorosulfonic Acid	●	●	●	●	●	●	●
Chromic Acid	●	●	●	●	●	●	●
Chromic Anhydride	●	●	●	●	●	●	●
Chromium Trioxide	●	●	●	●	●	●	●
Citric Acid	●	●	●	●	●	●	●
Coke Oven Gas	●	●	●	●	●	●	●
Copper Chloride	●	●	●	●	●	●	●
Copper Sulfate	●	●	●	●	●	●	●
Corn Oil	●	●	●	●	●	●	●
Cotton Seed Oil 10	●	●	●	●	●	●	●
Creosote	●	●	●	●	●	●	●
Cresols, Cresylic Acid	●	●	●	●	●	●	●
Crotonic Acid	●	●	●	●	●	●	●
Crude Oil	●	●	●	●	●	●	●
Cumene	●	●	●	●	●	●	●
Cyclohexane	●	●	●	●	●	●	●
Cyclohexanol	●	●	●	●	●	●	●
Cyclohexanone	●	●	●	●	●	●	●
Diazomethane	●	●	●	●	●	●	●
Dibenzofuran	●	●	●	●	●	●	●
Dibenzylether	●	●	●	●	●	●	●
Dibromo chloropropane	●	●	●	●	●	●	●
Dibromoethane	●	●	●	●	●	●	●
Dibutyl Phthalate	●	●	●	●	●	●	●
Dibutyl Sebacate	●	●	●	●	●	●	●
Dichlorobenzene	●	●	●	●	●	●	●
Dichlorobenzidene	●	●	●	●	●	●	●
Dichloroethane	●	●	●	●	●	●	●
Dichloroethylene	●	●	●	●	●	●	●
Dichloroethyl Ether	●	●	●	●	●	●	●
Dichloromethane	●	●	●	●	●	●	●
Dichloropropane	●	●	●	●	●	●	●
Dichloropropene	●	●	●	●	●	●	●
Dichlorvos	●	●	●	●	●	●	●
Diesel Oil	●	●	●	●	●	●	●
Diethanolamine	●	●	●	●	●	●	●
Diethylaniline	●	●	●	●	●	●	●
Diethyl Carbonate	●	●	●	●	●	●	●
Diethyl Sulfate	●	●	●	●	●	●	●
Dimethoxybenzidine	●	●	●	●	●	●	●
Dimethylaminazobenzene	●	●	●	●	●	●	●
Dimethyl Aniline	●	●	●	●	●	●	●
Dimethylbenzidine	●	●	●	●	●	●	●
Dimethyl Carbamoyl Chloride	●	●	●	●	●	●	●
Dimethyl Ether	●	●	●	●	●	●	●
Dimethylformamide	●	●	●	●	●	●	●
Dimethyl Phthalate	●	●	●	●	●	●	●
Dimethyl Sulfate	●	●	●	●	●	●	●
Dinitrophenol	●	●	●	●	●	●	●
Dinitrotoluene	●	●	●	●	●	●	●
Dioxane	●	●	●	●	●	●	●
Diphenylhydrazine	●	●	●	●	●	●	●
Epichlorohydrin	●	●	●	●	●	●	●
E85 (85% Ethanol, 15% Gas)	●	●	●	●	●	●	●
Epoxybutane	●	●	●	●	●	●	●
Ethane	●	●	●	●	●	●	●
Ethers	●	●	●	●	●	●	●
Ethyl Acetate	●	●	●	●	●	●	●
Ethyl Acrylate	●	●	●	●	●	●	●
Ethyl Alcohol	●	●	●	●	●	●	●
Ethylbenzene	●	●	●	●	●	●	●
Ethyl Carbamate	●	●	●	●	●	●	●
Ethyl Cellulose	●	●	●	●	●	●	●
Ethyl Chloride	●	●	●	●	●	●	●
Ethyl Ether	●	●	●	●	●	●	●
Ethyl Hexoate	●	●	●	●	●	●	●
Ethylene	●	●	●	●	●	●	●
Ethylene Bromide	●	●	●	●	●	●	●
Ethylene Dibromide	●	●	●	●	●	●	●
Ethylene Dichloride	●	●	●	●	●	●	●
Ethylene Glycol	●	●	●	●	●	●	●
Ethyleneimine	●	●	●	●	●	●	●
Ethylene Oxide	●	●	●	●	●	●	●
Ethylene Thiourea	●	●	●	●	●	●	●
Ethylidene Chloride	●	●	●	●	●	●	●
Ferric Chloride	●	●					

	SICHEM® S11- S90	SICHEM® S50	SICHEM® S33 - S91	SICHEM® S58 - S60	SICHEM® S59 - S93	DIAPHRAGM	SICHEM® S66
Magnesium Chloride	●	●	●	●	●	●	●
Magnesium Hydroxide	●	●	●	●	●	●	●
Magnesium Sulfate	●	●	●	●	●	●	●
Maleic Acid	●	●	●	●	●	●	●
Maleic Anhydride	●	●	●	●	●	●	●
Mercuric Chloride	●	●	●	●	●	●	●
Mercury	●	●	●	●	●	●	●
Methane	●	●	●	●	●	●	●
Methanol, Methyl Alcohol	●	●	●	●	●	●	●
Methoxychlor	●	●	●	●	●	●	●
Methylacrylic Acid	●	●	●	●	●	●	●
Methyl Alcohol	●	●	●	●	●	●	●
Methylaziridine	●	●	●	●	●	●	●
Methyl Bromide	●	●	●	●	●	●	●
Methyl Chloride	●	●	●	●	●	●	●
Methyl Chloroform	●	●	●	●	●	●	●
4,4-Methylene-Bis(2-chloroaniline)	●	●	●	●	●	●	●
Methylene Chloride	●	●	●	●	●	●	●
Methylene Dianiline	●	●	●	●	●	●	●
Methylene Diphenyldiisocyanate	●	●	●	●	●	●	●
Methyl Ethyl Ketone (MEK)	●	●	●	●	●	●	●
Methyl Hydrazine	●	●	●	●	●	●	●
Methyl Iodide	●	●	●	●	●	●	●
Methyl Isobutyl Ketone (MIBK)	●	●	●	●	●	●	●
Methyl Isocyanate	●	●	●	●	●	●	●
Methyl Methacrylate	●	●	●	●	●	●	●
Methyl Pyrrolidone	●	●	●	●	●	●	●
Methyl Tert. Butyl Ether (MTBE)	●	●	●	●	●	●	●
Milk	●	●	●	●	●	●	●
Mineral Oils	●	●	●	●	●	●	●
Molten Alkali Metals	●	●	●	●	●	●	●
Monomethylamine	●	●	●	●	●	●	●
Muriatic Acid	●	●	●	●	●	●	●
Naphtha	●	●	●	●	●	●	●
Naphthalene	●	●	●	●	●	●	●
Naphthols	●	●	●	●	●	●	●
Natural Gas	●	●	●	●	●	●	●
Nickel Chloride	●	●	●	●	●	●	●
Nickel Sulfate	●	●	●	●	●	●	●
Nitric Acid, Less than 30%	●	●	●	●	●	●	●
Nitric Acid, Above 30%	●	●	●	●	●	●	●
Nitric Acid, Crude	●	●	●	●	●	●	●
Nitric Acid, Red Fuming	●	●	●	●	●	●	●
Nitrobenzene	●	●	●	●	●	●	●
Nitrophenyl	●	●	●	●	●	●	●
Nitro-Butanol	●	●	●	●	●	●	●
Nitrocalcite (Calcium Nitrate)	●	●	●	●	●	●	●
Nitrogen	●	●	●	●	●	●	●
Nitrogen Tetroxide	●	●	●	●	●	●	●
Nitrohydrochloric Acid (Aqua Regia)	●	●	●	●	●	●	●
Nitromethane	●	●	●	●	●	●	●
2-Nitro-2-Methyl Propanol	●	●	●	●	●	●	●
Nitromuriatic Acid (Aqua Regia)	●	●	●	●	●	●	●
Nitrophenol	●	●	●	●	●	●	●
Nitropropane	●	●	●	●	●	●	●
Nitrosodimethylamine	●	●	●	●	●	●	●
Nitroso Methylurea	●	●	●	●	●	●	●
Nitrosomorpholine	●	●	●	●	●	●	●
Norge Niter (Calcium Nitrate)	●	●	●	●	●	●	●
Norwegian Saltpeter (Calcium Nitrate)	●	●	●	●	●	●	●
Octadecyl Alcohol	●	●	●	●	●	●	●
Octane	●	●	●	●	●	●	●
Oil, Petroleum	●	●	●	●	●	●	●
Oils, Animal and Vegetable	●	●	●	●	●	●	●
Oleic Acid	●	●	●	●	●	●	●
Oleum	●	●	●	●	●	●	●
Orthodichlorobenzene	●	●	●	●	●	●	●
Oxalic Acid	●	●	●	●	●	●	●
Oxygen, Gas (BAM Approval)	●	●	●	●	●	●	●
Ozone	●	●	●	●	●	●	●
Oil, Petroleum	●	●	●	●	●	●	●
Oils, Animal and Vegetable	●	●	●	●	●	●	●
Oleic Acid	●	●	●	●	●	●	●
Oleum	●	●	●	●	●	●	●
Orthodichlorobenzene	●	●	●	●	●	●	●
Oxalic Acid	●	●	●	●	●	●	●
Oxygen, Gas (BAM Approval)	●	●	●	●	●	●	●
Ozone	●	●	●	●	●	●	●
Palmitic Acid	●	●	●	●	●	●	●
Paraffin	●	●	●	●	●	●	●
Parathion	●	●	●	●	●	●	●
Paraxylene	●	●	●	●	●	●	●
Pentachloronitrobenzene	●	●	●	●	●	●	●
Pentachlorophenol	●	●	●	●	●	●	●
Pentane	●	●	●	●	●	●	●
Perchloric Acid	●	●	●	●	●	●	●
Perchloroethylene	●	●	●	●	●	●	●
Petroleum Oils, Crude	●	●	●	●	●	●	●
Petroleum Oils, Refined	●	●	●	●	●	●	●
Phenol	●	●	●	●	●	●	●
Phenylenediamine	●	●	●	●	●	●	●
Phosgene	●	●	●	●	●	●	●
Phosphate Esters	●	●	●	●	●	●	●

	SICHEM® S11- S90	SICHEM® S50	SICHEM® S33 - S91	SICHEM® S58 - S60	SICHEM® S59 - S93	DIAPHRAGM	SICHEM® S66
Phosphine	●	●	●	●	●	●	●
Phosphoric Acid, Crude	●	●	●	●	●	●	●
Phosphoric Acid, Pure, Less than 45%	●	●	●	●	●	●	●
Phosphoric Acid, Pure, Above 45%,	●	●	●	●	●	●	●
Phosphoric Acid, Pure, Above 45%, Above 70°C	●	●	●	●	●	●	●
Phosphorus, Elemental	●	●	●	●	●	●	●
Phosphorus Pentachloride	●	●	●	●	●	●	●
Phthalic Acid	●	●	●	●	●	●	●
Phthalic Anhydride	●	●	●	●	●	●	●
Picric Acid, Molten	●	●	●	●	●	●	●
Picric Acid, Water Solution	●	●	●	●	●	●	●
Pinene	●	●	●	●	●	●	●
Piperidine	●	●	●	●	●	●	●
Polyacrylonitrile	●	●	●	●	●	●	●
Polychlorinated Biphenyls	●	●	●	●	●	●	●
Potash, Potassium Carbonate	●	●	●	●	●	●	●
Potassium Acetate	●	●	●	●	●	●	●
Potassium Bichromate	●	●	●	●	●	●	●
Potassium Chromate, Red	●	●	●	●	●	●	●
Potassium Cyanide	●	●	●	●	●	●	●
Potassium Dichromate	●	●	●	●	●	●	●
Potassium, Elemental	●	●	●	●	●	●	●
Potassium Hydroxide	●	●	●	●	●	●	●
Potassium Iodide	●	●	●	●	●	●	●
Potassium Nitrate	●	●	●	●	●	●	●
Potassium Permanganate	●	●	●	●	●	●	●
Potassium Sulfate	●	●	●	●	●	●	●
Producer Gas	●	●	●	●	●	●	●
Propane	●	●	●	●	●	●	●
Propane Sulfone	●	●	●	●	●	●	●
Beta-Propiolactone	●	●	●	●	●	●	●
Propionaldehyde	●	●	●	●	●	●	●
Propyl Alcohol	●	●	●	●	●	●	●
Propyl Nitrate	●	●	●	●	●	●	●
Propylene	●	●	●	●	●	●	●
Propylene Dichloride	●	●	●	●	●	●	●
Propylene Glycol	●	●	●	●	●	●	●
Propylene Oxide	●	●	●	●	●	●	●
Propylenimine	●	●	●	●	●	●	●
Prussic Acid, Hydrocyanic Acid	●	●	●	●	●	●	●
Pyridine	●	●	●	●	●	●	●
Quinoline	●	●	●	●	●	●	●
Quinone	●	●	●	●	●	●	●
Refrigerant type 10	●	●	●	●	●	●	●
Refrigerant type 11	●	●	●	●	●	●	●
Refrigerant type 12	●	●	●	●	●	●	●
Refrigerant type 13	●	●	●	●	●	●	●
Refrigerant type 13B1	●	●	●	●	●	●	●
Refrigerant type 21	●	●	●	●	●	●	●
Refrigerant type 22	●	●	●	●	●	●	●
Refrigerant type 23	●	●	●	●	●	●	●
Refrigerant type 31	●	●	●	●	●	●	●
Refrigerant type 32	●	●	●	●	●	●	●
Refrigerant type 112	●	●	●	●	●	●	●
Refrigerant type 113	●	●	●	●	●	●	●
Refrigerant type 114	●	●	●	●	●	●	●
Refrigerant type 114B2	●	●	●	●	●	●	●
Refrigerant type 115	●	●	●	●	●	●	●
Refrigerant type 123	●	●	●	●	●	●	●
Refrigerant type124	●	●	●	●	●	●	●
Refrigerant type 125	●	●	●	●	●	●	●
Refrigerant type 134a	●	●	●	●	●	●	●
Refrigerant type 141b	●	●	●	●	●	●	●
Refrigerant type 142b	●	●	●	●	●	●	●
Refrigerant type 143a	●	●	●	●	●	●	●
Refrigerant type 152a	●	●	●	●	●	●	●
Refrigerant type 218	●	●	●	●	●	●	●
Refrigerant type 290 (Propane)	●	●	●	●	●	●	●
Refrigerant type 500	●	●	●	●	●	●	●
Refrigerant type 502	●	●	●	●	●	●	●
Refrigerant type 503	●	●	●	●	●	●	●
Refrigerant type 507	●	●	●	●	●	●	●
Refrigerant type 717 (Ammonia)	●	●	●	●	●	●	●
Refrigerant type 744 (Carbon Dioxide)	●	●	●	●	●	●	●
Refrigerant type C316	●	●	●	●	●	●	●
Refrigerant type C318	●	●	●	●	●	●	●
Refrigerant type HP62	●	●	●	●	●	●	●
Refrigerant type HP80	●	●	●	●	●	●	●
Refrigerant type HP81	●	●	●	●	●	●	●
Salt Water	●	●	●	●	●	●	●
Saltpeter, Potassium Nitrate	●	●	●	●	●	●	●
Sewage	●	●	●	●	●	●	●
Silicon Oil	●	●	●	●	●	●	●
Silver Nitrate	●	●	●	●	●	●	●
Soda Ash, Sodium Carbonate	●	●	●	●	●	●	●
Sodium Bicarbonate, Baking Soda	●	●	●	●	●	●	●
Sodium Bisulfate (Dry)	●	●	●	●	●	●	●
Sodium Bisulfite	●	●	●	●	●	●	●
Sodium Chlorate	●	●	●	●	●	●	●
Sodium Chloride	●	●	●	●	●	●	●
Sodium Cyanide	●	●	●	●	●	●	●
Sodium, Elemental	●	●	●	●	●	●	●
Sodium Hydrogen Sulphite	●	●	●	●	●	●	●
Sodium Hydroxide	●	●	●	●	●	●	●

	SICHEM® S11- S90	SICHEM® S50	SICHEM® S33 - S91	SICHEM® S58 - S60	SICHEM® S59 - S93	DIAPHRAGM	SICHEM® S66
Sodium Hypochlorite	●	●	●	●	●	●	●
Sodium Metaborate Peroxyhydrate	●	●	●	●	●	●	●
Sodium Metaphosphate	●	●	●	●	●	●	●
Sodium Nitrate	●	●	●	●	●	●	●
Sodium Perborate	●	●	●	●	●	●	●
Sodium Peroxide	●	●	●	●	●	●	●
Sodium Phosphate, Monobasic	●	●	●	●	●	●	●
Sodium Phosphate, Dibasic	●	●	●	●	●	●	●
Sodium Phosphate, Tribasic	●	●	●	●	●	●	●
Sodium Silicate	●	●	●	●	●	●	●
Sodium Sulfate	●	●	●	●	●	●	●
Sodium Sulfide	●	●	●	●	●	●	●
Sodium Superoxide	●	●	●	●	●	●	●
Sodium Thiosulfate	●	●	●	●	●	●	●
Soybean Oil	●	●	●	●	●	●	●
Stannic Chloride	●	●	●	●	●	●	●
Steam, Saturated	●	●	●	●	●	●	●
Superheated	●	●	●	●	●	●	●
Stearic Acid	●	●	●	●	●	●	●
Stoddard Solvent	●	●	●	●	●	●	●
Styrene	●	●	●	●	●	●	●
Styrene Oxide	●	●	●	●	●	●	●
Sugar	●	●	●	●	●	●	●
Sulfur Chloride	●	●	●	●	●	●	●
Sulfur Dioxide	●	●	●	●	●	●	●
Sulfur, Molten	●	●	●	●	●	●	●
S							



ITALIAN SEALING SOLUTIONS

Via Consolare, 41/43 25030
Zocco di Erbusco - (BS) ITALY
Tel. +39 030 7386033 - Fax +39 030 7386035
www.fmi-spa.com