

# Garlock TUFF-RAIL™ Manway Gasket Chemical Resistance Guide

A general guide for selection of gasketing material, Rev. August 2019

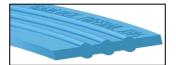
Key: A = Suitable - little or no adverse effect

B = Possible minor to moderate adverse effect

C = Not suitable - moderate to severe adverse effect

- = No data or insufficient evidence

Footnotes explained on last page.

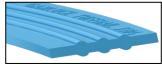




Media	3504 TUFF-RAIL™ Gasket	3545 TUFF-RAIL™ Gasket
Abietic Acid	А	Α
Acetaldehyde	А	Α
Acetamide	А	Α
Acetic Acid (Crude, Glacial, Pure)	A <sup>1</sup>	A <sup>1</sup>
Acetic Anhydride	A <sup>1</sup>	A <sup>1</sup>
Acetone	А	А
Acetonitrile	А	А
Acetophenone	А	А
2-Acetylaminofluorene	А	А
Acrolein	A <sup>1</sup>	A <sup>1</sup>
Acrylamide	A <sup>1</sup>	A <sup>1</sup>
Acrylic Acid	A <sup>1</sup>	A <sup>1</sup>
Acrylic Anhydride	A <sup>1</sup>	A <sup>1</sup>
Acrylonitrile	A <sup>1</sup>	A <sup>1</sup>
Allyl Acetate	A	Α
Allyl Chloride	А	А
Allyl Methacrylate	A <sup>1</sup>	A <sup>1</sup>
Aluminum Chloride	A	Α
Aluminum Fluoride	-	Α
Aluminum Hydroxide (Solid)	A	Α
Aluminum Nitrate	А	А
Aluminum Sulfate	Α	А
Alums	Α	А
4-Aminodiphenyl	Α	А
Ammonia Liquid, Anhydrous	Α	А
Ammonium Chloride	Α	А
Ammonium Hydroxide	Α	А
Ammonium Nitrate	Α	А
Ammonium Phosphate, Monobasic	Α	А
Ammonium Phosphate, Dibasic	Α	А
Ammonium Phosphate, Tribasic	Α	А
Ammonium Sulfate	Α	А
Amyl Acetate	Α	А
Amyl Alcohol	Α	А
Aniline, Aniline Oil	Α	А
Aniline Dyes	Α	А
o-Anisidine	Α	А

Call Gasket Applications Engineering at 315-597-7350 for specific recommendations.



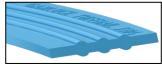




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Media	3504 TUFF-RAIL™ Gasket	3545 TUFF-RAIL™ Gasket
Aqua Regia	А	A
Aroclors	А	A
Asphalt	A	A
Aviation Gasoline	А	A
Barium Chloride	А	А
Barium Hydroxide	А	A
Barium Sulfide	А	А
Baygon	А	A
Beer	А	А
Benzaldehyde	А	A
Benzene, Benzol	А	А
Benzidine	А	A
Benzoic Acid	A	A
Benzonitrile	A	A
Benzotrichloride	A	A
Benzoyl Chloride	A	A
Benzyl Alcohol	A	A
Benzyl Chloride	A	A
Bio-diesel (B100)	A	A
Biphenyl	A	A
Bis(2-chloroethyl)ether	A	A
Bis(chloromethyl)ether	A	A
Bis(2-ethylhexyl)phthalate	A	A
Bitumen	A	
	В	A A
Black Sulfate Liquor  Bleach (Sodium Hyprochlorite)	A	A
Borax	A	A
Brake Fluid (Mineral Oil)	A	A
Brake Fluid (Glycol Ether)	A	A
Boric Acid	A	A
Brine (Sodium Chloride)	A	A
Bromine	A	
Bromine Trifluoride	C	A C
Bromoform	A	A
Bromomethane	A A <sup>1</sup>	A A <sup>1</sup>
Butadiene		
2-Butanone	A	A
Butyl Acetate	A	A
Butyl Alcohol, Butanol	A	A
n-Butyl Amine	A	A
tert-Butyl Amine	A A <sup>1</sup>	A A <sup>1</sup>
Butyl Methacrylate		
Butyric Acid	A	A
Calcium Bisulfite	A	A
Calcium Chloride	A	A
Calcium Cyanamide	A	A
Calcium Hydroxide	A	A
Calcium Hypochlorite	A	A
Calcium Nitrate	A	А
Calflo AF	A	А
Calflo FG	Α	A

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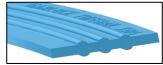




Media	3504 TUFF-RAIL™ Gasket	3545 TUFF-RAIL™ Gasket
Calflo HTF	А	Α
Calflo LT	А	А
Cane Sugar Liquors	А	А
Caprolactam	A	А
Captan	A	Α
Carbaryl	A	A
Carbolic Acid, Phenol	A	A
Carbon Dioxide, Wet	A	A
Carbon Disulfide	A	A
Carbon Tetrachloride	A	A
Carbonic Acid	A	A
Carbonyl Sulfide	A	A
Castor Oil	A	A
Catechol	A	A
Caustic Soda (<150°F)	A	A <sup>2</sup>
Cetane (Hexadecane)	A	A
China Wood Oil	A	A
Chloramben	A	A
Chlorazotic Acid (Aqua Regia)	A	A
Chlordane	A	A
Chlorinated Solvents, Dry	A	A
Chlorinated Solvents, Dry  Chlorinated Solvents, Wet		
·	A	A
Chlorine Dioxide	A	A
Chloroacetic Acid	A	A
2-Chloroacetophenone	A	A
Chloroazotic Acid (Aqua Regia)	A	A
Chlorobenzene	A	A
Chlorobenzilate	A	A
Chloroethane	A	A
Chloroethylene	A	A
Chloroform	A	A
Chloromethyl Methyl Ether	A	A
Chloronitrous Acid (Aqua Regia)	A	A
Chloroprene	A	A
Chlorosulfonic Acid	A	A
Chrome Plating Solutions	<del>-</del>	A
Chromic Acid	A	A
Chromic Anhydride	A	A
Chromium Trioxide	A	A
Citric Acid	A	A
Copper Chloride	A	A
Copper Sulfate	A	А
Corn Oil	A	А
Cotton Seed Oil	Α	А
Creosote	А	A
Cresols, Cresylic Acid	А	А
Crotonic Acid	А	A
Crude Oil	А	А
Crude oil, sour	А	А
Cumene	А	А
Cyclohexane	А	A

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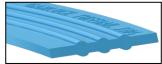




Media	3504 TUFF-RAIL™ Gasket	3545 TUFF-RAIL™ Gasket
Cyclohexanone	Α	Α
2,4-D, Salts and Esters	Α	A
Detergent Solutions	B <sup>3</sup>	А
Diazomethane	А	А
Dibenzofuran	A	A
Dibenzylether	А	A
1,2-Dibromo-3-chloropropane	A	A
Dibromoethane	А	A
Dibutyl Phthalate	А	A
Dibutyl Sebacate	А	A
o-Dichlorobenzene	А	А
1,4-Dichlorobenzene	А	A
3,3-Dichlorobenzidene	A	A
Dichloroethane (1,1 or 1,2)	A	A
1,1-Dichloroethylene	A <sup>1</sup>	A <sup>1</sup>
Dichloroethyl Ether	A	A
Dichloromethane	A	A
1,3-Dichloropropene	A	A
Dichlorvos	A	A
Diesel Oil/Fuel	A	A
Diethanolamine	A	A
N,N-Diethylaniline	A	A
Diethyl Carbonate	A	A
Diethyl Sulfate	A	A
3,3-Dimethoxybenzidene	A	A
Dimethylamine	A	A
Dimethylaminoazobenzene	A	A
N,N-Dimethyl Aniline	A	A
3,3-Dimethylbenzidine	A	A
Dimethyl Carbamoyl Chloride	A	A
Dimethyl Ether	A	A
Dimethylformamide	A	A
Dimethyl Hydrazine, Unsymmetrical	A	A
	A	A
Dimethyl Phthalate  Dimethyl Sulfate	A	A
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4,6-Dinitro-o-Cresol and Salts	A	A
2,4-Dinitrophenol	A	A
2,4-Dinitrotoluene	A	A
Dioxane	A	Α
1,2-Diphenylhydrazine	A	A
Diphyl DT	A	A
Dowfrost	A	A
Dowfrost HD	A	A
Dowtherm 4000	A	A
Dowtherm A	A	A
Dowtherm E	A	A
Dowtherm G	A	A
Dowtherm HT	A	A
Dowtherm J	A	A
Dowtherm Q	A	A
Dowtherm SR-1	A	A

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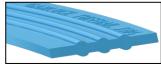




Media	3504 TUFF-RAIL™ Gasket	3545 TUFF-RAIL™ Gasket
Dynalene EG	А	А
Dynalene PG	А	А
Dynalene HC Series	А	А
Dynalene MV	Α	А
Dynalene HF-LO	Α	А
Dynalene Calcium Chloride	Α	А
Epichlorohydrin	А	А
E85 (85% Ethanol, 15% Gas)	А	А
1,2-Epoxybutane	А	А
Ethane	А	A
Ethanol, Ethyl Alcohol	Α	А
Ethers	A	A
Ethyl Acetate	A	A
Ethyl Acrylate	A <sup>1</sup>	A <sup>1</sup>
Ethyl Alcohol	A	A
Ethylbenzene	A	A
Ethyl Carbamate	A	A
Ethyl Cellulose	A	A
Ethyl Chloride	A	A
Ethyl Ether	A	A
Ethyl Hexoate	A	A
Ethylene Bromide	A	A
Ethylene Dibromide	A	A
Ethylene Dichloride	A	A
Ethylene Glycol	A	A
Ethyleneimine		A
Ethylene Oxide	A <sup>1</sup>	A <sup>1</sup>
Ethylene Thiourea	A	A
Ethylidine Chloride	A	A
Ferric Chloride	A	A
Ferric Phosphate	A	A
Ferric Sulfate	A	A
Formaldehyde	A <sup>1</sup>	A <sup>1</sup>
Formic Acid	А	А
Fuel Oil	Α	А
Fuel Oil, Acid	Α	А
Furfural	А	А
Gasoline, Refined	A	A
Gasoline, Sour	А	А
Gelatin	А	А
Glucose	А	А
Glue, Protein Base	А	А
Glycerine, Glycerol	А	А
Glycol	A	A
Grain Alcohol	A	A
Grease, Petroleum Base	A	A
Green Sulfate Liquor	В	A
Heptachlor	A	A
Heptane	A	A
Hexachlorobenzene	A	A
Hexachlorobutadiene	A	A
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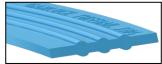




Media	3504 TUFF-RAIL™ Gasket	3545 TUFF-RAIL™ Gasket
Hexachlorocyclopentadiene	А	А
Hexachloroethane	А	А
Hexadecane	А	А
Hexamethylene Diisocyanate	А	А
Hexamethylphosphoramide	А	А
Hexane	А	А
Hexone	А	А
Hydraulic Oil, Mineral	А	А
Hydraulic Oil, Synthetic (Phosphate Esters)	А	А
Hydrazine	А	А
Hydrobromic Acid	А	А
Hydrochloric Acid	А	А
Hydrocyanic Acid	А	А
Hydrofluoric Acid, Anhydrous	С	А
HF Acid, Less than 65%, Above 150°F	С	А
HF Acid, 65% to Anhydrous, Above 150°F	С	А
HF Acid, Up to Anhydrous,150°F & below	С	А
Hydrofluorosilicic Acid	С	A
Hydrofluosilicic Acid	С	A
Hydrogen Bromide	А	А
Hydrogen Fluoride	С	А
Hydrogen Peroxide, 10%	А	А
Hydrogen Peroxide, 10-90%	А	A
Hydrogen Sulfide, Dry or Wet	Α	A
Hydroquinone	A	A
lodine Pentafluoride	-	_
Isobutane	А	А
Isooctane	Α	A
Isophorone	А	А
Isopropyl Alcohol	А	А
Jet Fuels (JP A, B and JP4 thru JP8)	А	А
Jet Fuels, JP9 and JP10	А	А
Kerosene	А	А
Lacquer Solvents	А	A
Lacquers	А	A
Lactic Acid, 150°F and below	А	А
Lactic Acid, Above 150°F	А	А
Lime Saltpeter (Calcium Nitrates)	А	А
Lindane	А	А
Linseed Oil	А	А
Liquified Petroleum Gas (LPG)	А	A
Lithium Bromide	А	A
Lithium, Elemental	С	С
Lubricating Oils, Refined	А	A
Lubricating Oils, Mineral or Petroleum Types	A	А
Lubricating Oils, Sour	A	A
Lye	В	A <sup>2</sup>
Magnesium Chloride	A	A
Magnesium Hydroxide	A	A
Magnesium Sulfate	A	A
Maleic Acid	A	A

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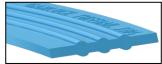




Media         3504 TUFF-RAIL™ Gasket         3545 TUFF-RAIL™ Gasket           Maleic Anhydride         A         A           Mercuric Chloride         A         A           Mercury         A         A           Methanol, Methyl Alcohol         A         A           Methydacrylic Acid         A         A           Methyl Alcohol         A         A           2-Methylaziridine         —         A           Methyl Bromide         A         A           Methyl Chloride         A         A           Methyl Chloride         A         A           4.4 Methylene Bis(2-chloroaniline)         A         A           Methylene Dipienyldisocyanatiene         A         A           Methylene Diphenyldisocyanate         A         A           A         A         A           Methyl Hydrazine         A         A           A         A         A           Methyl Isobutyl Ketone (MIBK)         A         A           Methyl Methacrylate         A         A           N-Methyl-2-Pyrrolidone         A         A           Methyl Tert. Butyl Ether (MTBE)         A         A           Milk         A	
Mercury         A         A           Methanol, Methyl Alcohol         A         A           Methanol, Methyl Alcohol         A         A           Methylacrylic Acid         A         A           Methylacrylic Acid         A         A           Methyl Alcohol         A         A           2-Methylacrylidine          A           Methyl Bromide         A         A           Methyl Chloride         A         A           Methyl Chloroform         A         A           A         A         A           Methylene Bis(2-chloroaniline)         A         A           A         A         A           Methylene Chloride         A         A           A         A         A           Methylene Dianiline         A         A           A         A         A           Methylene Diphenyldiisocyanate         A         A           A         A         A           Methyl I I I Sobutyl Ketone         A         A           A         A         A           Methyl I I Sobutyl Ketone (MIBK)         A         A           A         A         A </th <th></th>	
Mercury         A         A           Methanol, Methyl Alcohol         A         A           Methyacychlor         A         A           Methylacrylic Acid         A         A           Methyl Alcohol         A         A           2-Methyl Alcohol         A         A           2-Methyl Bromide         A         A           Methyl Chloride         A         A           Methyl Chloride         A         A           A.4 Methylene Bis(2-chloroaniline)         A         A           Methylene Dialinie         A         A           A.4-Methylene Dianiline         A         A           Methylene Diphenyldiisocyanate         A         A           Methyl Ethyl Ketone         A         A           Methyl Hydrazine         A         A           A         A         A           Methyl Isobutyl Ketone (MIBK)         A         A           Methyl Isocyanate         A         A           A         A         A           Methyl Tert. Butyl Ether (MTBE)         A         A           Milk         A         A           Milyl Tert. Butyl Ether (MTBE)         A         A	
Methanol, Methyl Alcohol         A         A           Methoxychlor         A         A           Methylacrylic Acid         A         A           Methyl Alcohol         A         A           2-Methyl Alcohol         A         A           Methyl Bromide         A         A           Methyl Chloride         A         A           Methyl Chloroform         A         A           Methylene Bis(2-chloroaniline)         A         A           A         A         A           Methylene Chloride         A         A           A         A         A           Methylene Dianiline         A         A           A         A         A           Methylene Diphenyldiisocyanate         A         A           A         A         A           Methyl Ketone         A         A           Methyl Hydrazine         A         A           Methyl Isobutyl Ketone (MIBK)         A         A           Methyl Isocyanate         A         A           A         A         A           Methyl Yethyl-2-Pyrrolidone         A         A           A         A         A	
Methoxychlor         A         A           Methylacrylic Acid         A         A           Methyl Alcohol         A         A           2-Methylaziridine         —         A           Methyl Bromide         A         A           Methyl Chloride         A         A           Methyl Chloroform         A         A           4,4 Methylene Bis(2-chloroaniline)         A         A           Methylene Chloride         A         A           4,4-Methylene Dianiline         A         A           Methylene Diphenyldiisocyanate         A         A           Methyl Ethyl Ketone         A         A           Methyl Hydrazine         A         A           Methyl Isobutyl Ketone (MIBK)         A         A           Methyl Isocyanate         A         A           Methyl Methacrylate         A         A           Methyl Yert, Butyl Ether (MTBE)         A         A           Milk         A         A           Milk         A         A           Mobiltherm 600         A         A           A         A         A	
Methoxychlor         A         A           Methylacrylic Acid         A         A           Methyl Alcohol         A         A           2-Methylaziridine         —         A           Methyl Bromide         A         A           Methyl Chloride         A         A           Methyl Chloroform         A         A           4,4 Methylene Bis(2-chloroaniline)         A         A           Methylene Chloride         A         A           4,4-Methylene Dianiline         A         A           4,4-Methylene Dianiline         A         A           Methylene Diphenyldiisocyanate         A         A           Methyl Ethyl Ketone         A         A           Methyl Hydrazine         A         A           Methyl Isobutyl Ketone (MIBK)         A         A           Methyl Isobutyl Ketone (MIBK)         A         A           Methyl Socyanate         A         A           Methyl-2-Pyrrolidone         A         A           Methyl Tert. Butyl Ether (MTBE)         A         A           Milk         A         A           Milk         A         A           Mobiltherm 600         A	
Methylacrylic Acid         A         A           Methyl Alcohol         A         A           2-Methylaziridine         —         A           Methyl Bromide         A         A           Methyl Chloride         A         A           Methyl Chloroform         A         A           4.4 Methylene Bis(2-chloroaniline)         A         A           Methylene Chloride         A         A           4.4-Methylene Dianiline         A         A           A         A         A           Methylene Diphenyldiisocyanate         A         A           Methyl Ethyl Ketone         A         A           Methyl Hydrazine         A         A           Methyl Iodide         A         A           Methyl Isobutyl Ketone (MIBK)         A         A           Methyl Isobutyl Ketone (MIBK)         A         A           Methyl Methacrylate         A         A           Methyl Tert. Butyl Ether (MTBE)         A         A           Milk         A         A           Milk         A         A           Mobiltherm 600         A         A           Mobiltherm 603         A         A  <	
Methyl Alcohol         A         A           2-Methylaziridine         —         A           Methyl Bromide         A         A           Methyl Chloride         A         A           Methyl Chloroform         A         A           4.4 Methylene Bis(2-chloroaniline)         A         A           Methylene Chloride         A         A           4.4-Methylene Dianiline         A         A           Methylene Diphenyldiisocyanate         A         A           Methyl Ethyl Ketone         A         A           Methyl Hydrazine         A         A           Methyl Isobutyl Ketone (MIBK)         A         A           Methyl Isocyanate         A         A           Methyl Methacrylate         A         A           N-Methyl-2-Pyrrolidone         A         A           N-Methyl Tert. Butyl Ether (MTBE)         A         A           Milk         A         A           Milk         A         A           Mobiltherm 600         A         A           Mobiltherm 603         A         A	
2-Methylaziridine         —         A           Methyl Bromide         A         A           Methyl Chloride         A         A           Methyl Chloroform         A         A           4,4 Methylene Bis(2-chloroaniline)         A         A           Methylene Chloride         A         A           4,4-Methylene Dianiline         A         A           Methylene Diphenyldiisocyanate         A         A           Methyl Ethyl Ketone         A         A           Methyl Hydrazine         A         A           Methyl Iodide         A         A           Methyl Isobutyl Ketone (MIBK)         A         A           Methyl Isobutyl Ketone (MIBK)         A         A           Methyl Wethacrylate         A         A           Methyl Methacrylate         A         A           N-Methyl-2-Pyrrolidone         A         A           Methyl Tert. Butyl Ether (MTBE)         A         A           Milk         A         A           Milk         A         A           Mobitherm 600         A         A           Mobitherm 603         A         A	
Methyl Bromide         A         A           Methyl Chloride         A         A           Methyl Chloroform         A         A           4,4 Methylene Bis(2-chloroaniline)         A         A           Methylene Chloride         A         A           4,4-Methylene Dianiline         A         A           Methylene Diphenyldiisocyanate         A         A           Methyl Ethyl Ketone         A         A           Methyl Ethyl Ketone         A         A           Methyl Isobutyl Ketone (MIBK)         A         A           Methyl Isobutyl Ketone (MIBK)         A         A           Methyl Isocyanate         A         A           Methyl Methacrylate         A         A           N-Methyl-2-Pyrrolidone         A         A           Methyl Tert. Butyl Ether (MTBE)         A         A           Milk         A         A           Milk         A         A           Mobiltherm 600         A         A           Mobiltherm 603         A         A	
Methyl Chloride         A         A           Methyl Chloroform         A         A           4,4 Methylene Bis(2-chloroaniline)         A         A           Methylene Chloride         A         A           4,4-Methylene Dianiline         A         A           Methylene Diphenyldiisocyanate         A         A           Methyl Ethyl Ketone         A         A           Methyl Hydrazine         A         A           Methyl lodide         A         A           Methyl Isobutyl Ketone (MIBK)         A         A           Methyl Isocyanate         A         A           Methyl Methacrylate         A¹         A¹           N-Methyl-2-Pyrrolidone         A         A           Methyl Tert. Butyl Ether (MTBE)         A         A           Milk         A         A           Milk         A         A           Mobiltherm 600         A         A           Mobiltherm 603         A         A	
Methyl Chloroform         A         A           4,4 Methylene Bis(2-chloroaniline)         A         A           Methylene Chloride         A         A           4,4-Methylene Dianiline         A         A           Methylene Diphenyldiisocyanate         A         A           Methyl Ethyl Ketone         A         A           Methyl Hydrazine         A         A           Methyl lodide         A         A           Methyl Isobutyl Ketone (MIBK)         A         A           Methyl Isocyanate         A         A           Methyl Methacrylate         A¹         A¹           N-Methyl-2-Pyrrolidone         A         A           Methyl Tert. Butyl Ether (MTBE)         A         A           Milk         A         A           Milk         A         A           Mobiltherm 600         A         A           Mobiltherm 603         A         A	
4,4 Methylene Bis(2-chloroaniline)       A       A         Methylene Chloride       A       A         4,4-Methylene Dianiline       A       A         Methylene Diphenyldiisocyanate       A       A         Methyl Ethyl Ketone       A       A         Methyl Hydrazine       A       A         Methyl lodide       A       A         Methyl Isobutyl Ketone (MIBK)       A       A         Methyl Isocyanate       A       A         Methyl Methacrylate       A¹       A¹         N-Methyl-2-Pyrrolidone       A       A         Methyl Tert. Butyl Ether (MTBE)       A       A         Milk       A       A         Mobiltherm 600       A       A         Mobiltherm 603       A       A	
Methylene Chloride A,4-Methylene Dianiline A,Methylene Diphenyldiisocyanate A,Methyl Ethyl Ketone A,Methyl Ethyl Ketone A,Methyl Hydrazine A,Methyl Iodide A,Methyl Isobutyl Ketone (MIBK) A,Methyl Isocyanate A,Methyl Isocyanate A,Methyl Methacrylate A,Methyl-2-Pyrrolidone A,Methyl-2-Pyrrolidone A,Methyl-2-Pyrrolidone A,Methyl Tert. Butyl Ether (MTBE) A,Milk A,Mineral Oils A,Mobiltherm 600 A,Mobiltherm 603 A,Mobiltherm 603	
4,4-Methylene Dianiline A Methylene Diphenyldiisocyanate A Methyl Ethyl Ketone A Methyl Hydrazine A Methyl lodide A Methyl Isobutyl Ketone (MIBK) A Methyl Isocyanate A Methyl Isocyanate A Methyl Methacrylate A Methyl Methacrylate A Methyl Tert. Butyl Ether (MTBE) A Milk A Mineral Oils A Mobiltherm 600 A Mobiltherm 603 A A A A A A A A A A A A A A A A A A A	
Methylene Diphenyldiisocyanate         A         A           Methyl Ethyl Ketone         A         A           Methyl Hydrazine         A         A           Methyl lodide         A         A           Methyl Isobutyl Ketone (MIBK)         A         A           Methyl Isocyanate         A         A           Methyl Methacrylate         A¹         A¹           N-Methyl-2-Pyrrolidone         A         A           Methyl Tert. Butyl Ether (MTBE)         A         A           Milk         A         A           Mineral Oils         A         A           Mobiltherm 600         A         A           Mobiltherm 603         A         A	
Methyl Ethyl Ketone         A         A           Methyl Hydrazine         A         A           Methyl Iodide         A         A           Methyl Isobutyl Ketone (MIBK)         A         A           Methyl Isocyanate         A         A           Methyl Methacrylate         A¹         A¹           N-Methyl-2-Pyrrolidone         A         A           Methyl Tert. Butyl Ether (MTBE)         A         A           Milk         A         A           Mineral Oils         A         A           Mobiltherm 600         A         A           Mobiltherm 603         A         A	
Methyl Hydrazine         A         A           Methyl Iodide         A         A           Methyl Isobutyl Ketone (MIBK)         A         A           Methyl Isocyanate         A         A           Methyl Methacrylate         A¹         A¹           N-Methyl-2-Pyrrolidone         A         A           Methyl Tert. Butyl Ether (MTBE)         A         A           Milk         A         A           Mineral Oils         A         A           Mobiltherm 600         A         A           Mobiltherm 603         A         A	
Methyl Iodide         A         A           Methyl Isobutyl Ketone (MIBK)         A         A           Methyl Isocyanate         A         A           Methyl Methacrylate         A¹         A¹           N-Methyl-2-Pyrrolidone         A         A           Methyl Tert. Butyl Ether (MTBE)         A         A           Milk         A         A           Mineral Oils         A         A           Mobiltherm 600         A         A           Mobiltherm 603         A         A	
Methyl Isobutyl Ketone (MIBK)         A         A           Methyl Isocyanate         A         A           Methyl Methacrylate         A¹         A¹           N-Methyl-2-Pyrrolidone         A         A           Methyl Tert. Butyl Ether (MTBE)         A         A           Milk         A         A           Mineral Oils         A         A           Mobiltherm 600         A         A           Mobiltherm 603         A         A	
Methyl Isocyanate         A         A           Methyl Methacrylate         A¹         A¹           N-Methyl-2-Pyrrolidone         A         A           Methyl Tert. Butyl Ether (MTBE)         A         A           Milk         A         A           Mineral Oils         A         A           Mobiltherm 600         A         A           Mobiltherm 603         A         A	
Methyl Methacrylate         A¹         A¹           N-Methyl-2-Pyrrolidone         A         A           Methyl Tert. Butyl Ether (MTBE)         A         A           Milk         A         A           Mineral Oils         A         A           Mobiltherm 600         A         A           Mobiltherm 603         A         A	
N-Methyl-2-Pyrrolidone         A         A           Methyl Tert. Butyl Ether (MTBE)         A         A           Milk         A         A           Mineral Oils         A         A           Mobiltherm 600         A         A           Mobiltherm 603         A         A	
Methyl Tert. Butyl Ether (MTBE)         A         A           Milk         A         A           Mineral Oils         A         A           Mobiltherm 600         A         A           Mobiltherm 603         A         A	
Milk         A         A           Mineral Oils         A         A           Mobiltherm 600         A         A           Mobiltherm 603         A         A	
Mineral Oils         A         A           Mobiltherm 600         A         A           Mobiltherm 603         A         A	
Mobiltherm 600         A         A           Mobiltherm 603         A         A	
Mobiltherm 603 A A	
Mobiltherm 605 A A	
Mobiltherm Light A A	
Monomethylamine A A	
MultiTherm 100 A A	
MultiTherm 503 A A	
MultiTherm IG-2 A A	
MultiTherm PG-1 A A	
Muriatic Acid A A	
Naphtha A A	
Naphthalene A A	
Naphthols A A	
Nickel Chloride A A	
Nickel Sulfate A A	
Nitric Acid, Less than 30% A A	
Nitric Acid, Above 30% A A	
Nitric Acid, Crude A A	
Nitric Acid, Red Fuming A A	
Nitrobenzene A A	
4-Nitrobiphenyl A A	
2-Nitro-Butanol A A	
Nitrocalcite (Calcium Nitrate) A A	
Nitrogen Tetroxide A A	
Nitrohydrochloric Acid (Aqua Regia) A A	
Nitromethane A A	

Call Gasket Applications Engineering at 315-597-7350 for specific recommendations.



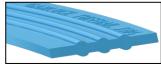




Media	3504 TUFF-RAIL™ Gasket	3545 TUFF-RAIL™ Gasket
2-Nitro-2-Methyl Propanol	А	A
Nitromuriatic Acid (Aqua Regia)	A	A
4-Nitrophenol	A	A
2-Nitropropane	А	А
N-Nitrosodimethylamine	A	A
N-Nitroso-N-Methylurea	А	A
N-Nitrosomorpholine	А	А
Norge Niter (Calcium Nitrate)	А	A
Norwegian Saltpeter (Calcium Nitrate)	А	A
N-Octadecyl Alcohol	А	A
Octane	A	A
Oil, Petroleum	A	A
Oils, Animal and Vegetable	A	A
Oleic Acid	А	А
Oleum	_	A
Orthodichlorobenzene	А	A
Oxalic Acid	A	A
Palmitic Acid	А	A
Paraffin	А	А
Paratherm HE	A	A
Paratherm NF	A	A
Parathion	A	А
Paraxylene	A	A
Pentachloronitrobenzene	A	A
Pentachlorophenol	A	A
Pentane	A	A
Perchloric Acid	A	A
Perchloroethylene	A	A
Petroleum Oils, Crude	A	A
Petroleum Oils, Refined	A	A
Phenol	A	A
p-Phenylenediamine	A	A
Phosphate Esters	A	A
Phosphoric Acid, Crude	C	A
Phosphoric Acid, Less than 45%	A	A
Phosphoric Acid, Above 45%, to 150°F	В	A
Phosphoric Acid, Above 45%, Above 150°F	В	A
Phosphorus Pentachloride	A	A
Phthalic Acid	A	A
Phthalic Anhydride	A	A
Picric Acid, Water Solution	A	A
Pinene	A	A
Piperidine	A	A
Polyacrylonitrile	A	A
Polychlorinated Biphenyls	A	A
Potash, Potassium Carbonate	A	A
Potassium Acetate	A	A
Potassium Acetate  Potassium Bichromate	A	A
Potassium Chromate, Red	A	A
Potassium Cyanide Potassium Cyanide	A	A
Potassium Dichromate	А	Α

Call Gasket Applications Engineering at 315-597-7350 for specific recommendations.



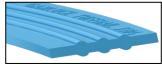




Media	3504 TUFF-RAIL™ Gasket	3545 TUFF-RAIL™ Gasket
Potassium Hydroxide (<150°F)	А	$A^2$
Potassium Nitrate	А	А
Potassium Permanganate	А	А
Potassium Sulfate	А	А
1,3-Propane Sultone	A	A
Beta-Propiolactone	А	A
Propionaldehyde	Α	A
Propoxur (Baygon)	А	A
Propyl Alcohol	Α	А
Propyl Nitrate	А	A
Propylene Dichloride	Α	A
Propylene Glycol	A	A
Propylene Oxide	A	A
1,2-Propylenimine		A
Prussic Acid, Hydrocyanic Acid	A	A
Pyridine	A	A
Quinoline	A	A
Quinoine	A	A
Salt Water	A	A
Saltpeter, Potassium Nitrate	A	A
2,4-D Salts and Esters	A	A
Sewage	A	A
Silver Nitrate	A	A
Skydrols	A	А
Soap Solutions	A	A
Soda Ash, Sodium Carbonate	A	A
Sodium Bicarbonate, Baking Soda	A	A
Sodium Bisulfate (Dry)	A	A
Sodium Bisulfite	A	A
Sodium Chlorate	A	А
Sodium Chloride	A	A
Sodium Cyanide	С	A
Sodium Hydroxide (<150°F)	A	A <sup>2</sup>
Sodium Hypochlorite	A	A
Sodium Metaborate Peroxyhydrate	Α	A
Sodium Metaphosphate	Α	А
Sodium Nitrate	А	A
Sodium Perborate	А	А
Sodium Peroxide	А	А
Sodium Phosphate, Monobasic	А	А
Sodium Phosphate, Dibasic	В	А
Sodium Phosphate, Tribasic	В	А
Sodium Silicate	В	А
Sodium Sulfate	А	А
Sodium Sulfide	А	А
Sodium Superoxide	Α	А
Sodium Thiosulfate, "Hypo"	Α	A
Soybean Oil	А	А
Stannic Chloride	A	A
Stearic Acid	A	A
Stoddard Solvent	A	A

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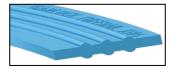




Media         3504 TUFF-RAIL™ Gasket           Stytene         A¹           Stytene Oxide         A           Sulfur Choride         A           Sulfur Choride         A           A         A           Sulfur Tricoide, Dry         A           A         A           Sulfur Tricoide, Dry         A           A         A           A         A           A         A           A         A           A         A           A         A           Tricoide, Dry         A           A         A           Tricoide, Dry         A           A         A           Tricoide, Dry         A			
Sylvene Oxide	Media	3504 TUFF-RAIL™ Gasket	3545 TUFF-RAIL™ Gasket
Sulfur Dioxide         A         A           Sulfur Dioxide, Dry         A         A           Sulfur Trioxide, Wet         A         A           Sulfur Trioxide, Wet         A         A           Sulfurous Acid         A         A           Sulfurous Acid         A         A           Sytherm 800         A         A           Sytherm 81T         A         A           Tanic Acid         A         A           Tar         A         A           Taric Acid         A         A           Taric Acid         A         A           Taric Charley Amine         A         A           Tetrabromoethane         A         A	Styrene	A <sup>1</sup>	A <sup>1</sup>
Sulfur Dioxide	Styrene Oxide	А	А
Sulfur Trioxide, Dry	Sulfur Chloride	А	А
Sulfur Trioxide, Wet         A         A           Sulfurd Acd, 10-88%, 150°F and below         A         A           Sulfurous Acd         A         A           Syltherm 800         A         A           Syltherm XLT         A         A           Tarnic Acd         A         A           Tarnic Acid         A         A           Tar         A         A           Tarnic Acid         A         A           A         A         A           2,37,8-TCDB-p-Dioxin         A         A           Tertary Butyl Amine         A         A           Tetrabronesthane         A	Sulfur Dioxide	Α	А
Sulfur Trioxide, Wet         A         A           Sulfurd Acd, 10-88%, 150°F and below         A         A           Sulfurous Acd         A         A           Syltherm 800         A         A           Syltherm XLT         A         A           Tarnic Acd         A         A           Tarnic Acid         A         A           Tar         A         A           Tarnic Acid         A         A           A         A         A           2,37,8-TCDB-p-Dioxin         A         A           Tertary Butyl Amine         A         A           Tetrabronesthane         A	Sulfur Trioxide, Dry	Α	A
Sulfuric Acid, 10-98%, 150°F and below         A         A           Sytherm 800         A         A           Sytherm XLT         A         A           Tannic Acid         A         A           Tar         A         A           Tariar Acid         A         A           2.37.8 *TCDB+-Dioxin         A         A           Tetriary Butyl Armine         A         A           Tetrashy Butyl Armine         A         A           Tetrashy Butyl Armine         A         A           Tetrashy Controllence         A		Α	A
Sulfurous Acid         A         A         A           Sytherm 800         A         A         A           Sytherm XLT         A         A         A           Tance Acid         A         A         A           Tar         A         A         A           Tartare Acid         A         A         A           Tetralphose Discordin         A         A         A           Tetralphore Acid Amine         A         A         A           Tetralphore Manine         A         A         A           Therminol Set         A         <			
Sytherm XLT         A         A           Tarnic Acid         A         A           Tart         A         A           Tartar         A         A           Tartare         A         A           Tartare         A         A           A         A         A           Tetrachorebrome         A         A           Tetrachoroethyne         A         A           Tetrachyrofuran, THF         A         A           Terminol 44         A         A           Therminol 55         A         A           Therminol 60         A         A           Therminol 60         A         A           Therminol 75         A         A           Therminol 172         A         A           Therminol NP         A         A           Therminol NP         A         A           Therminol WP         A			
Sytherm XLT         A         A           Tarnic Acid         A         A           Tart         A         A           Tartar         A         A           Tartare         A         A           Tartare         A         A           A         A         A           Tetrachorebrome         A         A           Tetrachoroethyne         A         A           Tetrachyrofuran, THF         A         A           Terminol 44         A         A           Therminol 55         A         A           Therminol 60         A         A           Therminol 60         A         A           Therminol 75         A         A           Therminol 172         A         A           Therminol NP         A         A           Therminol NP         A         A           Therminol WP         A	Syltherm 800	A	A
Tamic Acid         A         A           Tart         A         A           Tattaric Acid         A         A           2.3.7,8-TCDB-p-Dioxin         A         A           Tertary Butyl Amine         A         A           Tetrathorethyelone         A         A           Tetrachorethylene         A         A           Tetrachydrotry, THF         A         A           Tetrachydrotry, THF         A         A           Tetrachydrotry, ThF         A         A           Therminol 44         A         A           Therminol 55         A         A           A         A         A           Therminol 59         A         A           A         A         A           Therminol 60         A         A           Therminol 175         A         A           A         A         A           Therminol LT         A         A           Therminol W-1         A         A           Therminol XP         A         A           Therminol XP         A         A           Tital mum Sulfate         A         A           Tital mum	•		
Tartaric Acid         A         A         A           2.3.7.8-TCDB-p-Dioxin         A         A         A           Tertiary Bulyl Amine         A         A         A           Tetrachoroethane         A         A         A           Tetrachloroethylene         A         A         A         A           Tetrachloroethylene         A			
Tartaric Acid A A A A Caya, 7,8,7CDB-p-Dioxin A A A A A Tetralay Buny Amine A A A Tetrach/orethane A A A Tetrach/orethylene A A A Therminol 44 A A A A A Therminol 55 A A A A Therminol 59 A A A A Therminol 60 A A Therminol 60 A A Therminol 75 A A A Therminol 175 A A A A Therminol D12 A Therminol D12 A Therminol NP A A A A Therminol NP A A A A Thionyl Chloride A A A Trianium Sufate A A A Titanium Sufate A A A Titanium Sufate A A A Titanium Tetrachloride A A A A A Toluene A A A A A A Toluene A A A A A A A Toluene A A A A A A A Toluene A A A A A A A A A A A A A A A A A A			
2,3,7,8-TCDB-p-Dioxin         A         A           Tertiary Bulyl Amine         A         A           Tetrachloreshane         A         A           Therminol 44         A         A           Therminol 55         A         A           A         A         A           Therminol 60         A         A           A         A         A           Therminol 75         A         A           Therminol D12         A         A           A         A         A           Therminol VP-1         A         A           Therminol XP         A         A			
Tertiary Butyl Amine         A         A           Tetrachoromethane         A         A           Tetrachlorethyne         A         A           Tetrachlorethylene         A         A           Tetrachloroethylene         A         A           Therminol 44         A         A           Therminol 55         A         A           A         A         A           Therminol 68         A         A           Therminol 68         A         A           Therminol 75         A         A           A         A         A           Therminol LT         A         A           Therminol LT         A         A           Therminol WP-1         A         A           A         A         A           Titalminom Sulfate         A         A </td <td></td> <td></td> <td></td>			
Tetrabromoethane			
Tetrachloroethylene         A         A           Tetralydrofuran, THF         A         A           Therminol 44         A         A           Therminol 55         A         A           Therminol 59         A         A           Therminol 60         A         A           Therminol 66         A         A           Therminol 75         A         A           Therminol D12         A         A           Therminol WP-1         A         A           Therminol VP-1         A         A           Thomyl Chloride         A         A           Tianium Sulfate         A         A           Titanium Tetrachloride         A         A           Toluene         A         A           Toluene Sulfonic Acid         A         A           O-Toluidine         A         A           Toxaphine         A         A           Transformer Oil (Mineral Type)         A         A           T			
Tetrachloroethylene         A         A         A         Tetrahydrofuran, THF         A			
Tetrahydrofuran, THF			
Therminol 44	•		
Therminol 55	•		
Therminol 59			
Therminol 60			
Therminol 66			
Therminol 75			
Therminol D12			
Therminol LT         A         A           Therminol VP-1         A         A           Therminol XP         A         A           Thionyl Chloride         A         A           Titanium Sulfade         A         A           Titanium Tetrachloride         A         A           Toluene         A         A           2,4-Toluenediamine         A         A           2,4-Toluenediisocyanate         A         A           Toluene Sulfonic Acid         A         A           0-Tolludine         A         A           Toxaphine         A         A           Toxaphine         A         A           Transmission Fluid A         A         A           Transmission Fluid A         A         A           Tichloroseatic Acid         A         A         A           Tichlorosentane         A         A         A           1,1,2-Trichloroethane         A         A         A           Tricresylphosphane         A         A         A           Tricresylphosphate         A         A         A           Triethyl Aluminum         A         A         A			
Therminol VP-1         A         A           Therminol XP         A         A           Thionyl Chloride         A         A           Titanium Sulfate         A         A           Titanium Tetrachloride         A         A           Toluene         A         A           Z,4-Toluenediamine         A         A           2,4-Toluenediisocyanate         A         A           Toluene Sulfonic Acid         A         A           0-Toludine         A         A           Toxaphine         A         A           Transformer Oil (Mineral Type)         A         A           Transmission Fluid A         A         A           Trichloroacetic Acid         A         A           Trichloroacetic Acid         A         A           A         A         A           1,1,2-Trichloroethane         A         A           A         A         A           Trichloroethane         A         A           A         A         A           Trichlorophenol         A         A           A         A         A           Trichlorophenol         A         A			
Therminol XP         A         A           Thionyl Chloride         A         A           Titanium Sulfate         A         A           Titanium Tetrachloride         A         A           Toluene         A         A           2,4-Toluenediamine         A         A           2,4-Toluenediisocyanate         A         A           A         A         A           7-Toluene Sulfonic Acid         A         A           A-Toluene Sulfonic Acid         A         A           A-Toxaphine         A         A           A         A         A           Transformer Oil (Mineral Type)         A         A           A         A         A           Transmission Fluid A         A         A           A         A         A           Trichloroacetic Acid         A         A           A         A         A           A         A         A           A         A         A           Trichloroethane         A         A           A         A         A           A         A         A           A         A			
Thionyl Chloride         A         A           Titanium Sulfate         A         A           Titanium Tetrachloride         A         A           Toluene         A         A           2,4-Toluenediamine         A         A           2,4-Toluenediisocyanate         A         A           Toluene Sulfonic Acid         A         A           o-Toluidine         A         A           Toxaphine         A         A           Toxaphine         A         A           Transformer Oil (Mineral Type)         A         A           Transmission Fluid A         A         A           Trichloroacetic Acid         A         A           A         A         A           1,2,4-Trichlorobenzene         A         A           1,1,2-Trichloroethane         A         A           A         A         A           Trichlorophenol         A         A           A         A         A           Trichlorophenol         A         A           A         A         A           Trichlorophenol         A         A           A         A         A			
Titanium Sulfate         A         A           Titanium Tetrachloride         A         A           Toluene         A         A           2,4-Toluenediamine         A         A           2,4-Toluenediisocyanate         A         A           Toluene Sulfonic Acid         A         A           o-Toluidine         A         A           A         A         A           Toxaphine         A         A           Transformer Oil (Mineral Type)         A         A           Transmission Fluid A         A         A           Trinchloroacetic Acid         A         A           Trichloroacetic Acid         A         A           A         A         A           1,2,4-Trichlorobenzene         A         A           A         A         A           1,1,2-Trichloroethylene         A         A           A         A         A           2,4,5-Trichlorophenol         A         A           A         A         A           Trichlorophenol         A         A           A         A         A           2,4,6-Trichlorophenol         A         A			
Titanium Tetrachloride         A         A           Toluene         A         A           2,4-Toluenediamine         A         A           2,4-Toluenediisocyanate         A         A           Toluene Sulfonic Acid         A         A           o-Toluidine         A         A           Toxaphine         A         A           Transformer Oil (Mineral Type)         A         A           Transmission Fluid A         A         A           Trichloroacetic Acid         A         A           A         A         A           1,2,4- Trichlorobenzene         A         A           A         A         A           Trichloroethylene         A         A           2,4,5-Trichlorophenol         A         A           A         A         A           Tricesylphosphate         A         A           Triethyl Aluminum         A         A           Triethyl Aluminum         A         A           Triethyl Aluminum         A         A			
Toluene         A         A           2,4-Toluenediamine         A         A           2,4-Toluenediisocyanate         A         A           Toluene Sulfonic Acid         A         A           o-Toluidine         A         A           Toxaphine         A         A           Transformer Oil (Mineral Type)         A         A           Transmission Fluid A         A         A           Trichloroacetic Acid         A         A           1,2,4- Trichlorobenzene         A         A           1,1,2-Trichloroethane         A         A           Trichloroethylene         A         A           2,4,5-Trichlorophenol         A         A           A         A         A           Tricesylphosphate         A         A           Triethyl Aluminum         A         A           Triethyl Aluminum         A         A           Triethylamine         A         A			
2,4-Toluenediamine         A         A           2,4-Toluenediisocyanate         A         A           Toluene Sulfonic Acid         A         A           o-Toluidine         A         A           Toxaphine         A         A           Toxaphine         A         A           Transformer Oil (Mineral Type)         A         A           Transmission Fluid A         A         A           Trichloroacetic Acid         A         A           A         A         A           1,2,4- Trichlorobenzene         A         A           A         A         A           1,1,2-Trichloroethane         A         A           A         A         A           2,4,5-Trichlorophenol         A         A           A         A         A           Trichlorophenol         A         A           A         A         A           Triethanolamine         A         A           Triethylamine         A         A			
2,4-Toluenediisocyanate         A         A           Toluene Sulfonic Acid         A         A           o-Toluidine         A         A           Toxaphine         A         A           Transformer Oil (Mineral Type)         A         A           Transmission Fluid A         A         A           Trichloroacetic Acid         A         A           1,2,4- Trichlorobenzene         A         A           1,1,2-Trichlorobenzene         A         A           1,1,2-Trichloroethane         A         A           Trichloroethylene         A         A           2,4,5-Trichlorophenol         A         A           A         A         A           Tricesylphosphate         A         A           Triethyl Aluminum         A         A           Triethyl Aluminum         A         A           Triethylamine         A         A			
Toluene Sulfonic Acid         A         A           o-Toluidine         A         A           Toxaphine         A         A           Transformer Oil (Mineral Type)         A         A           Transmission Fluid A         A         A           Trichloroacetic Acid         A         A           1,2,4- Trichlorobenzene         A         A           1,1,2-Trichloroethane         A         A           Trichloroethylene         A         A           2,4,5-Trichlorophenol         A         A           2,4,6-Trichlorophenol         A         A           Tricetylphosphate         A         A           Triethanolamine         A         A           Triethyl Aluminum         A         A           Triethylamine         A         A			
c-Toluidine         A         A           Toxaphine         A         A           Transformer Oil (Mineral Type)         A         A           Transmission Fluid A         A         A           Trichloroacetic Acid         A         A           1,2,4- Trichlorobenzene         A         A           1,1,2-Trichloroethane         A         A           Trichloroethylene         A         A           2,4,5-Trichlorophenol         A         A           2,4,6-Trichlorophenol         A         A           Tricesylphosphate         A         A           Triethanolamine         A         A           Triethyl Aluminum         A         A           Triethylamine         A         A	·		
Toxaphine         A         A           Transformer Oil (Mineral Type)         A         A           Transmission Fluid A         A         A           Trichloroacetic Acid         A         A           1,2,4- Trichlorobenzene         A         A           1,1,2-Trichloroethane         A         A           Trichloroethylene         A         A           2,4,5-Trichlorophenol         A         A           2,4,6-Trichlorophenol         A         A           Tricesylphosphate         A         A           Triethanolamine         A         A           Triethyl Aluminum         A         A           Triethylamine         A         A			
Transformer Oil (Mineral Type)         A         A           Transmission Fluid A         A         A           Trichloroacetic Acid         A         A           1,2,4- Trichlorobenzene         A         A           1,1,2-Trichloroethane         A         A           Trichloroethylene         A         A           2,4,5-Trichlorophenol         A         A           2,4,6-Trichlorophenol         A         A           Tricresylphosphate         A         A           Triethanolamine         A         A           Triethyl Aluminum         A         A           Triethylamine         A         A	o-Toluidine		A
Transmission Fluid A         A         A           Trichloroacetic Acid         A         A           1,2,4- Trichlorobenzene         A         A           1,1,2-Trichloroethane         A         A           Trichloroethylene         A         A           2,4,5-Trichlorophenol         A         A           2,4,6-Trichlorophenol         A         A           Tricresylphosphate         A         A           Triethanolamine         A         A           Triethyl Aluminum         A         A           Triethylamine         A         A			
Trichloroacetic Acid         A         A           1,2,4- Trichlorobenzene         A         A           1,1,2-Trichloroethane         A         A           1,1,2-Trichloroethane         A         A           Trichloroethylene         A         A           2,4,5-Trichlorophenol         A         A           2,4,6-Trichlorophenol         A         A           Tricresylphosphate         A         A           Triethanolamine         A         A           Triethyl Aluminum         A         A           Triethylamine         A         A			
1,2,4- Trichlorobenzene         A         A           1,1,2-Trichloroethane         A         A           Trichloroethylene         A         A           2,4,5-Trichlorophenol         A         A           2,4,6-Trichlorophenol         A         A           Tricresylphosphate         A         A           Triethanolamine         A         A           Triethyl Aluminum         A         A           Triethylamine         A         A			
1,1,2-Trichloroethane         A         A           Trichloroethylene         A         A           2,4,5-Trichlorophenol         A         A           2,4,6-Trichlorophenol         A         A           Tricresylphosphate         A         A           Triethanolamine         A         A           Triethyl Aluminum         A         A           Triethylamine         A         A			
Trichloroethylene         A         A           2,4,5-Trichlorophenol         A         A           2,4,6-Trichlorophenol         A         A           Tricresylphosphate         A         A           Triethanolamine         A         A           Triethyl Aluminum         A         A           Triethylamine         A         A			А
2,4,5-Trichlorophenol         A         A           2,4,6-Trichlorophenol         A         A           Tricresylphosphate         A         A           Triethanolamine         A         A           Triethyl Aluminum         A         A           Triethylamine         A         A			A
2,4,6-Trichlorophenol         A         A           Tricresylphosphate         A         A           Triethanolamine         A         A           Triethyl Aluminum         A         A           Triethylamine         A         A			А
Tricresylphosphate         A         A           Triethanolamine         A         A           Triethyl Aluminum         A         A           Triethylamine         A         A	2,4,5-Trichlorophenol	А	А
Triethanolamine         A         A           Triethyl Aluminum         A         A           Triethylamine         A         A	2,4,6-Trichlorophenol	А	A
Triethyl Aluminum         A         A           Triethylamine         A         A	Tricresylphosphate	А	A
Triethylamine A A	Triethanolamine	А	A
	Triethyl Aluminum	A	A
Trifluralin A A	Triethylamine	A	A
	Trifluralin	A	A

Call Gasket Applications Engineering at 315-597-7350 for specific recommendations.







Media	3504 TUFF-RAIL™ Gasket	3545 TUFF-RAIL™ Gasket
2,2,4-Trimethylpentane	А	Α
Tung Oil	А	А
Turpentine	А	А
UCON Heat Transfer Fluid 500	Α	А
UCON Process Fluid WS	Α	А
Urea (<150°F)	Α	А
Varnish	Α	А
Vegetable Oil	Α	А
Vinegar	Α	А
Vinyl Acetate	$A^1$	A <sup>1</sup>
Vinyl Bromide	$A^1$	A <sup>1</sup>
Vinyl Chloride	A <sup>1</sup>	A <sup>1</sup>
Vinylidene Chloride	A <sup>1</sup>	A <sup>1</sup>
Vinyl Methacrylate	Α	А
Water, Distilled	Α	А
Water, Potable <sup>4</sup>	Α	А
Whiskey and Wines	Α	А
Wood Alcohol	Α	А
Xceltherm 550	Α	А
Xceltherm 600	Α	А
Xceltherm MK1	Α	А
Xceltyherm XT	Α	А
Xylene	Α	А
Zinc Chloride	A	А
Zinc Sulfate	Α	А

#### NOTES:

- 1. This chemical is a monomer. Contact Applications Engineering if the chemical is not inhibited.
- 2. TUFF-RAIL™ 3545 gaskets can be expected to be suitable to 75% concentration at temperatures up to 400°F (204°C).
- 3. Some detergent solutions are strongly alkaline and/or may contain bleach. Please contact Applications Engineering.
- 4. If NSF 61 Approved gaskets are required contact Applications Engineering.

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