











FOOD, PHARMACEUTICAL & CHEMICAL PROCESSING HOSE SELECTION GUIDE Kuriyama of America, Inc.

DRY MATERIAL HANDLING (thermoplastic hoses)


Hose Series	Description	*Working Pressure (PSI) @ 68°F	*Vacuum Rating (In. Hg) @ 68°F	Food Grade	Internal Abrasion Resistance	Static Dissipation	Service Temp. (°F)	Flexibility
 WT	Standard duty, food grade PVC hose for conveying powders, pellets and granular materials	20-55	20-28	Yes	Good	Limited	-4°F to 150°F	Excellent
 WE	Standard duty, food grade PVC hose with grounding wire for conveying powders, pellets and granular materials	20-50	20-28	Yes	Good	Good	-4°F to 150°F	Excellent
 2001	Heavy duty, food grade polyurethane hose with grounding wire for conveying highly abrasive powders, pellets and granular materials	30-50	25-Full	Yes	Excellent	Good	-4°F to 150°F	Excellent
 VOLT	Heavy duty, food grade polyurethane hose with grounding wire for conveying highly abrasive powders, pellets and granular materials in high static applications	30-40	25-Full	Yes	Excellent	Excellent	-40°F to 150°F	Excellent
 2020	Heavy duty, food grade polyurethane hose with grounding wire for demanding applications such as unloading of bulk trucks and railcars	40-70	28-Full	Yes	Excellent	Good	-40°F to 150°F	Good
 VLT-SD	Heavy duty, food grade polyurethane hose with grounding wire for demanding applications such as unloading of bulk trucks and railcars in high static applications	40-70	28-Full	Yes	Excellent	Excellent	-40°F to 150°F	Good

ALFAGOMMA® LIQUID TRANSFER (rubber hoses)

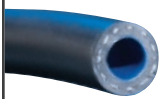
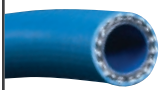


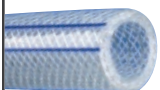
Hose Series	Description	*Working Pressure (PSI) @ 150°F	*Vacuum Rating (In. Hg) @ 150°F	Food Grade	Internal Abrasion Resistance	Static Dissipation	Service Temp. (°F)	Flexibility
 T5050G	Chemical resistant XLPE tube designed to handle suction and transfer 90% of industrial acids and chemicals	240	24-27	No	Limited	Good	-4°F to 150°F	Good
 T5090E	Highly chemical resistant UHMWPE tube designed to handle suction and transfer 98% of industrial acids and chemicals	240	24-27	Yes	Limited	Good	-4°F to 150°F	Good
 T405LL/LB	Liquid, fatty, oily food and alcoholic beverage (max 75 proof) suction and discharge	150	27-30	Yes	Limited	Good	-22°F to 176°F	Good
 T408LL	Food and alcoholic beverage suction and discharge. Specially designed for wine, beer and spirits, up to 95 proof	240	30	Yes	Limited	Limited	-22°F to 176°F	Good


HOSE TEC® *TOUGH* DRY MATERIAL HANDLING (metal hoses)

METAL HOSE™

Hose Series	Description	*Working Pressure (PSI)	*Vacuum Rating (In. Hg) up to 1500°F	Food Grade	Internal Abrasion Resistance	Static Dissipation	Service Temp. (°F)	Flexibility
 HT5000	Series 300 stainless steel interlocked smooth bore hose for demanding applications such as unloading of bulk trucks and railcars	NA	Full	Yes	Excellent	Excellent	Up to 1500°F	Fair

Kuri Tec® AIR, WATER & LIQUID TRANSFER (thermoplastic hoses)

Hose Series	Description	*Working Pressure (PSI) @ 70°F	*Vacuum Rating (In. Hg) @ 70°F	Food Grade	Internal Abrasion Resistance	Static Dissipation	Service Temp. (°F)	Flexibility
 A4143	Polyethylene lined hose for medium pressure liquid chemical transfer applications	125-175	NA	No	NA	Limited	-40°F to 125°F	Excellent
 A4086	Polyethylene lined hose for high pressure liquid chemical transfer applications	400-800	NA	No	NA	Limited	-40°F to 130°F	Excellent
 K3150	Standard duty, food grade PVC hose for medium pressure potable water and liquid food product transfer applications	75-250	NA	Yes	NA	Limited	25°F to 150°F	Excellent
 K7160	Standard duty, food grade PVC hose for vacuum and low pressure transfer of potable water and liquid food products	50-150	29.9	Yes	NA	Good	25°F to 150°F	Excellent
 K7300	Heavy duty, food grade PVC hose for vacuum and/or medium pressure transfer of potable water and liquid food products	150-250	29.9	Yes	NA	Good	15°F to 150°F	Excellent

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* Note: The working pressure and vacuum range information provided is based on the available ID sizes for each product shown.

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