

# Application Guide



## Chemical Application Guide

PRODUCT	PAGE	AGRICULTURAL FERTILIZERS	CHEMICAL SOLUTIONS	CHEMICAL/SOLVENT TRANSFER
T5050G	40	✓	✓	✓
T5090E	41	✓	✓	✓
T5190E	42	✓	✓	✓

\* Working Pressure and vacuum ratings are based at ambient temperature of 68°F (20°C).

## Compressed Air Application Guide

PRODUCT	PAGE	CONSTRUCTION AIR SERVICE	HEAVY DUTY	HIGH HEAT	HIGH PRESSURE AIR	HOT AIR BLOWER HOSE
T140AK	10	✓	✓		✓	
T142AK	11	✓	✓	✓	✓	
T155AK	12	✓				
T902AA	13			✓		✓
T903LE	14			✓		✓

\* Working Pressure and vacuum ratings are based at ambient temperature of 68°F (20°C).

## Food Transfer Application Guide – FDA Liquid

PRODUCT	PAGE	ABRASIVE MATERIAL SUCTION & DISCHARGE, WET/DRY	DRY BULK FOOD DISCHARGE	FDA	3A	ALCOHOLIC BEVERAGE DISCHARGE
T405LB	29			✓	✓	✓
T405LL	28			✓	✓	✓
T410LB	31			✓	✓	✓
T410LL	30			✓	✓	✓
T422LH	32			✓	✓	✓
T426LB	33			✓	✓	✓
T452LE	35			✓		
T455LL	34			✓	✓	✓

\* Working Pressure and vacuum ratings are based at ambient temperature of 68°F (20°C).

## Food Transfer Application Guide – FDA Material Handling

PRODUCT	PAGE	ABRASIVE MATERIAL SUCTION & DISCHARGE, WET/DRY	DRY BULK FOOD DISCHARGE	FDA	3A	ALCOHOLIC BEVERAGE DISCHARGE
T714LG	38	✓		✓		
T720LG	37	✓	✓	✓		
T760LE	39		✓	✓		

\* Working Pressure and vacuum ratings are based at ambient temperature of 20°C (68°F).

## Material Handling Application Guide – Non FDA

PRODUCT	PAGE	ABRASIVE MATERIAL TRANSFER, WET/DRY	ABRASIVE SLURRY TRANSFER	CEMENT, WET PUMPING	CONCRETE PUMPING	DRY BULK FOOD DISCHARGE
HWT763AA	72	✓	✓			
LT753AA	64					
T704HA	63	✓				
T720AA	66	✓	✓			
T737AA	68			✓	✓	
T740AA	67			✓	✓	
T750AA	65					
T750AG	65					
T757AA	68			✓	✓	
T758AA	69			✓	✓	
T758AE	69			✓	✓	
T760AA	70	✓				
T763AA	71	✓	✓			
T766AA	73	✓	✓			

\* Working Pressure and vacuum ratings are based at ambient temperature of 68°F (20°C).

TUBE COMPOUND	PSI RATING	4 + 4 SP	TEMP	VACUUM HG (IN)
XLPE	240	✓	-22°F TO 176°F	✓
UHMWPE	240	✓	-22°F TO 200°F	✓
UHMWPE	240		-22°F TO 200°F	✓

MINES / QUARRIES	OIL RESISTANT	FDA	PSI RATING	STEEL BRAIDED WIRE	TEMP	VACUUM HG (IN)
✓			See Catalog	✓	-22°F TO 176°F	
✓	✓		600	✓	-40°F TO 242°F	
✓			300		-22°F TO 176°F	
			150		-40°F TO 350°F	✓
		✓	150		-40°F TO 350°F	✓

ALCOHOLIC BEVERAGE S & D	OIL BASED FOOD SUCTION & DISCHARGE	OIL BASED FOOD DISCHARGE	POTABLE WATER	PSI RATING CONSTANT	TEMP	VACUUM HG (IN)
✓	✓	✓		150	-22°F TO 212°F	✓
✓	✓	✓		150	-22°F TO 212°F	✓
✓				240	-22°F TO 226°F	✓
✓				240	-22°F TO 226°F	✓
✓				150	-22°F TO 226°F	
✓	✓			150	-22°F TO 176°F	✓
			✓	150	-22°F TO 176°F	
		✓		150	-22°F TO 176°F	

ALCOHOLIC BEVERAGE S & D	OIL BASED FOOD SUCTION & DISCHARGE	OIL BASED FOOD DISCHARGE	POTABLE WATER	PSI RATING CONSTANT	TEMP	VACUUM HG (IN)
				75	-22°F TO 176°F	✓
				See Catalog	-22°F TO 176°F	✓
				75	-22°F TO 176°F	

DRY POWDER DELIVERY, CEMENT/SAND	GROUT	PLASTER	SHOT & SAND BLAST, DRY ABRASIVE DELIVERY	PSI RATING	TEMP	VACUUM HG (IN)
				75	-22°F TO 176°F	
✓				See Catalog	-22°F TO 176°F	✓
				150	-40°F TO 212°F	✓
				See Catalog	-22°F TO 176°F	
				600	-22°F TO 176°F	
			✓	150	-22°F TO 176°F	
			✓	150	-22°F TO 176°F	
	✓	✓		600	-22°F TO 176°F	
	✓	✓		800	-22°F TO 176°F	
	✓	✓		800	-22°F TO 176°F	
✓				75	-22°F TO 176°F	
✓				75	-22°F TO 176°F	
✓				150	-22°F TO 176°F	
✓				75	-22°F TO 176°F	

# Application Guide



## Petroleum Application Guide

PRODUCT	PAGE	AROMATIC CONTENT	BILGE PUMP	BIOFUELS (UP TO E98 AND B100)	CORRUGATED COVER	FUEL / OIL SUCTION & DISCHARGE	HOT TAR & ASPHALT SUCTION & DISCHARGE
6C5AA	54	✓			✓	✓	
CT601AA	50	✓			✓		
ST6D2AA	49						
T6D1AA	48						
T600AA	44-45						
T601AA	51	✓					
T604AA	52						
T605AA	53	✓				✓	
T605AH	55	✓				✓	
T606AE	56	✓			✓	✓	
T614AA	60						✓
T620AA	57	✓				✓	
T629AA	58	✓		✓		✓	
T631AA	61						✓
T631AE	62						
T650AH	59						
T653AA	46-47		✓				

\* Working Pressure and vacuum ratings are based at ambient temperature of 68°F (20°C).

## Specialty Hoses Application Guide

PRODUCT	PAGE	FURNACE DOOR COOLANT	MSHA UNDERGROUND MINE COMPLIANT
T146AK	74		✓
T957LL	75	✓	

\* Working Pressure and vacuum ratings are based at ambient temperature of 68°F (20°C).

## Steam & Hot Water Application Guide

PRODUCT	PAGE	STEAM CLEANER USE/ DETERGENTS OR OIL	HIGH TENSILE STEEL CORD REINFORCEMENT	RADIATOR	HOT WATER	PIN-PRICKED COVER	PSI RATING CONSTANT
T340AA	25	NO	✓			✓	270
T340AH	25	NO	✓			✓	270
T341AA	26	NO	✓			✓	270
T341AH	26	NO	✓			✓	270
T343AH	27	NO	✓			✓	270
T350LH	20	NO			✓		See Page 20
T350LL	20	NO			✓		See Page 20
T351LL	21	NO			✓		150
T351LG	21	NO			✓		150
T352AA	22-23	NO		✓	✓		75

\* Working Pressure and vacuum ratings are based at ambient temperature of 68°F (20°C).

## Water Suction And Discharge Application Guide

PRODUCT	PAGE	AGRICULTURAL FERTILIZERS	CHEMICAL SOLUTIONS	CONSTRUCTION	HEAVY DUTY	HIGH PRESSURE
T202AA	16	✓		✓		
T204AA	17			✓		
T253AA	18			✓		
T254AA	19			✓		

\* Working Pressure and vacuum ratings are based at ambient temperature of 68°F (20°C).

HYDRAULIC SUCTION / RETURN	MARINE EXHAUST / FUEL FILL	OIL FIELD / FRACK DISCHARGE	OIL FIELD / FRACK TANK SUCTION	PETROLEUM DISCHARGE	PETROLEUM SUCTION / DISCHARGE	PSI	TEMP	VACUUM HG (IN)
			✓			150	-22°F TO 176°F	✓
			✓			150	-22°F TO 176°F	✓
		✓				400	-22°F TO 176°F	
		✓				400	-22°F TO 176°F	
	✓					75	- 4°F TO 212°F	✓
			✓			150	-22°F TO 176°F	✓
✓						See Catalog	-40°F TO 212°F	✓
					✓	150	-22°F TO 176°F	✓
					✓	150	-22°F TO 176°F	✓
					✓	150	-65°F TO 180°F	
						150	- 4°F TO 356°F	✓
					✓	300	-22°F TO 176°F	✓
					✓	150	-22°F TO 176°F	✓
						300	-22°F TO 176°F	
				✓		300	-22°F TO 356°F	
				✓		150	-22°F TO 176°F	
						75	-22°F TO 176°F	

PIN-PRICKED	PSI RATING	TEMP
✓	1000	-22°F to 200°F
	300	Tube: -40°F to 248°F Cover: -40°F to 1000°F

SATURATED STEAM	SHIPYARDS & CHEMICAL PLANTS	REFINERY	SUPERHEATED STEAM	PAPER MILL WASH DOWN	FOOD & DAIRY WASHDOWN	TAPPED NOZZLE	TEMP
✓							-40°F TO 430°F
✓							-40°F TO 430°F
✓	✓		✓				-40°F TO 430°F
✓	✓		✓				-40°F TO 430°F
✓		✓	✓				-40°F TO 430°F
				✓	✓		See Page 20
✓				✓	✓		See Page 20
				✓	✓	✓	-40°F TO 248°F
				✓	✓	✓	-40°F TO 248°F

IRRIGATION	LAYFLAT	MAX. REC. WP (PSI)	STEEL HELIX	WATER DISCHARGE	WATER SUCTION	TEMP	VACUUM HG (IN)
✓		150	✓	✓	✓	-22°F TO 176°F	✓
✓		75	✓	✓	✓	-22°F TO 176°F	✓
✓	✓	150		✓		-22°F TO 176°F	
✓		150		✓		-40°F TO 248°F	