



T5090E Series

Acid – Chemical S & D 240 PSI – UHMWPE Meets FDA Requirements, Suitable for use with DEF

GENERAL APPLICATIONS

- Can handle 190 proof spirits
 - Suction and transfer service for a variety of chemicals and acids
 - Will handle 98% of EXISTING CHEMICALS
- See *Chemical Resistance Chart* on pages 87 – 96

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**KOA.link/
T5090E**



WARNING
BEFORE USING CHEMICAL HOSES
CONSULT CHEMICAL RESISTANCE
CHART OR CONSULT FACTORY

CONSTRUCTION

Tube – Transparent UHMWPE (Ultra High Molecular Weight Polyethylene)
Reinforcement – Synthetic textile cords with flexible steel helix wire
Cover – Blue EPDM – abrasion and ozone resistant

WORKING PRESSURE

Constant Pressure – 16 Bar (240 PSI)

SERVICE TEMPERATURE RANGE

Normal recommended operating temperature is -22°F (-30°C) to +200°F (+93°C)

BRANDING

ALFAGOMMA – ITALY 509 16 BAR (240 PSI) – UHMWPE CHEMICAL – S & D
(in orange letters)

IT IS ADVISABLE TO TEST THE TUBE MATERIAL UNDER ACTUAL SERVICE CONDITIONS PRIOR TO USE.

Note: for maximum service life, we recommend that T5090E hose be flushed out after every use.

Series Number	ID		OD		Max. Working Pressure (psi)	Vacuum Rating Hg (in)	Min. Bending Radius (in) at 68°F	Standard Length (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)					
T5090E075	3/4	19	1.22	31	240	27	7 1/2	100	0.41
T5090E100	1	25	1.46	37	240	27	9	100	0.50
T5090E125	1 1/4	32	1.73	44	240	27	10 1/4	100	0.60
T5090E150	1 1/2	38	1.97	50	240	27	13 1/4	100	0.68
T5090E200	2	51	2.48	63	240	27	16 1/4	100	0.91
T5090E250	2 1/2	63	3.03	77	240	27	17 1/2	100	1.40
T5090E300	3	76	3.62	92	240	24	20 3/4	100	1.91
T5090E400	4	102	4.65	118	240	24	26 1/2	100	2.61
T5090E600	6	152	6.77	172	240	24	40	100	5.28

COUPLING SUGGESTIONS: Quick-Acting and combination nipples, preferably stainless steel, attached with bands.



Kuriyama offers a full line of Quick-Acting couplings, pin lug shank couplings and combination nipples. Refer to current Kuriyama-Couplings™ and Accessories Catalog for type – KOA.link/KOA-Couplings-Catalog

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.