



**WEST MICHIGAN RUBBER & SUPPLY**  
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# T509OE - 240 PSI Alfachem UHMWPE Tube Chemical Hose



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

### APPLICATION

Suction and transfer service for a variety of chemicals and acids. Will handle 98% of EXISTING CHEMICALS. See Chemical Resistance Chart on pages 58 – 66.

### COVER

Blue EPDM — abrasion and ozone resistant.

### REINFORCEMENT

Synthetic textile cords with 4 highly flexible steel helix wires.

### TUBE

Transparent UHMWPE (Ultra High Molecular Weight Polyethylene).

### TEMPERATURE RANGE

Normal recommended operating temperature is -4°F (-20°C) to 150°F (+65°C).

### FEATURES

Meets FDA requirements

### STANDARD LENGTH

100 feet

### BRANDING

ALFAGOMMA – ITALY T509 16 BAR (240 PSI) – UHMWPE  
 CHEMICAL – S&D (in orange letters)

**NOTE:** Can be Sterilized with 30 PSI saturated steam at 250°F for 30 minutes - **OPEN END**

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

**NOTE: FOR MAXIMUM SERVICE LIFE, WE RECOMMEND THAT T509 HOSE BE  
 FLUSHED OUT AFTER EVERY USE.**

## Nominal Specifications

SERIES NO.	NOMINAL ID		NOMINAL OD		APPROX. WT. lbs./100 ft.	MAX. REC. WP (PSI)	MIN. BEND RADIUS (in.)
	(in.)	(mm)	(in.)	(mm)			
T5090E075	3/4	19	1.22	31	40	240	7 1/2
T5090E100	1	25	1.46	37	49	240	9
T5090E125	1 1/4	32	1.73	44	58	240	10 1/4
T5090E150	1 1/2	38	1.97	50	68	240	13 1/4
T5090E200	2	51	2.48	63	89	240	16 1/4
T5090E250	2 1/2	63	3.03	77	140	240	17 1/2
T5090E300	3	76	3.62	92	190	240	20 3/4
T5090E400	4	102	4.65	118	259	240	26 1/2