



# ALFAGOMMA

**NEW EXTRA FLEXIBLE  
HYDRAULIC RETURN LINE RANGE  
EXCEEDS SAE 100R4**



- **SPECIALLY DESIGNED TO HANDLE PETROLEUM AND WATER BASED HYDRAULIC FLUIDS UP TO 135°C**
- **EXTREMELY FLEXIBLE AT LEAST HALF THE MINIMUM BEND RADIUS OF SAE 100R4**
- **LIGHT WEIGHT CONSTRUCTION**
- **MAXIMUM KINK AND VACUUM RESISTANCE**

	 <b>T-604</b>	 <b>T-634</b>	 <b>T-644</b>
	3 x ID	2 x ID	2 x ID
	-40 °C +100 °C -40 °F +212 °F	-40 °C +100 °C -40 °F +212 °F	-40 °C +135 °C -40 °F +275 °F
	100%	100%	100%



## T-604 AA

### Oil Suction & Return Exceeds SAE 100R4

**Tube:** Black conductive NBR  
**Reinforcement:** High tensile textile cords with embedded steel helix wire  
**Cover:** Black CR - abrasion, ozone, hydrocarbon resistant  
**Application:** Hydraulic oil suction and return lines  
**Safety Factor:** 4:1  
**Temperature:** -40 °C +100 °C (-40 °F +212 °F)  
**Brand Type:** White letters  
**Brand Text:** ALFAGOMMA -ITALY- T-604 ... BAR (... PSI)  
 SAE 100R4 dia "-dash q/yy

code	↔		↔		⌚		⤵		%	kg/m	lbs/C ft
	mm	inch	mm	inch	bar	psi	mm	inch			
604AA019296BB0	19	3/4	29	1,14	21	300	57	2,24	100	0,600	40
604AA025356BB0	25	1	35	1,38	17	250	75	2,95	100	0,740	50
604AA032426BB0	32	1 1/4	42	1,65	14	200	96	3,78	100	0,890	60
604AA038486BB0	38	1 1/2	48	1,89	10	150	114	4,49	100	1,030	69
604AA051616BB0	51	2	61	2,40	7	100	153	6,02	100	1,320	89
604AA063756BB0	63	2 1/2	75	2,95	4	60	189	7,44	100	2,070	139
604AA076886BB0	76	3	88	3,46	4	60	228	8,98	100	2,470	166
604AA090046BB0	90	3 1/2	104	4,09	3	45	270	10,63	100	3,040	204
604AA102166BB0	102	4	116	4,57	2	30	306	12,05	100	3,390	228



## T-634 AA

### Oil Suction & Return - Extra Flexible Exceeds SAE 100R4

**Tube:** Black conductive NBR  
**Reinforcement:** High tensile textile cords with embedded steel helix wire  
**Cover:** Black CR - abrasion, ozone, hydrocarbon and flame resistant  
**Application:** Hydraulic oil suction and return lines requiring tight bend radius  
**Safety Factor:** 4:1  
**Temperature:** -40 °C +100 °C (-40 °F +212 °F)  
**Brand Type:** White letters  
**Brand Text:** ALFAGOMMA -ITALY- T-634 - SAE 100R4

code	↔		↔		⌚		⤵		%	kg/m	lbs/C ft
	mm	inch	mm	inch	bar	psi	mm	inch			
634AA019296BE0	19	3/4	29	1,14	25	375	38	1,50	100	0,510	34
634AA025356BE0	25	1	35	1,38	20	300	50	1,97	100	0,630	42
634AA032426BE0	32	1 1/4	42	1,65	17	250	64	2,52	100	0,780	52
634AA038486BE0	38	1 1/2	48	1,89	10	150	76	2,99	100	0,920	62
634AA051616BE0	51	2	61	2,40	7	100	102	4,02	100	1,200	81
634AA063756BE0	63	2 1/2	75	2,95	5	75	126	4,96	100	2,080	140
634AA076886BE0	76	3	88	3,46	5	75	152	5,98	100	2,460	165
634AA102166BE0	102	4	116	4,57	5	75	204	8,03	100	3,380	227



## T-644 AA

### Oil Suction & Return - Extra Flexible - High Temp Exceeds SAE 100R4

**Tube:** Black conductive NBR  
**Reinforcement:** High tensile textile cords with embedded steel helix wire  
**Cover:** Black CR - abrasion, ozone, hydrocarbon and flame resistant  
**Application:** Hydraulic oil suction and return lines requiring tight bend radius and high temperatures resistance  
 MSHA IC-152/11 approved cover  
**Safety Factor:** 4:1  
**Temperature:** -40 °C +135 °C (-40 °F +275 °F)  
**Brand Type:** White letters  
**Brand Text:** ALFAGOMMA -ITALY- T-644 - SAE 100R4 - HT - MSHA IC-152/11

code	↔		↔		⌚		⤵		%	kg/m	lbs/C ft
	mm	inch	mm	inch	bar	psi	mm	inch			
644AA019296BJ0	19	3/4	29	1,14	25	375	38	1,50	100	0,550	37
644AA025356BJ0	25	1	35	1,38	20	300	50	1,97	100	0,680	46
644AA032426BJ0	32	1 1/4	42	1,65	17	250	64	2,52	100	0,840	56
644AA038486BJ0	38	1 1/2	48	1,89	10	150	76	2,99	100	0,990	66
644AA051616BJ0	51	2	61	2,40	7	100	102	4,02	100	1,290	87
644AA063756BJ0	63	2 1/2	75	2,95	5	75	126	4,96	100	2,190	147
644AA076886BJ0	76	3	88	3,46	5	75	152	5,98	100	2,590	174
644AA102166BJ0	102	4	116	4,57	5	75	204	8,03	100	3,550	238