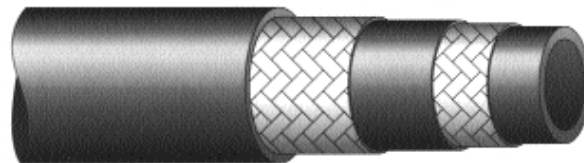


## oxygen charging PTFE hose

A high performance PTFE hose designed specifically for high pressure oxygen charging systems.

## Construction

Type 744 comprises of an extruded heavy wall PTFE liner made from TEFLON<sup>®</sup>, a double Stainless Steel braid and a polyester elastomer outer cover, pinpricked as standard.



## Applications

- \* Life-support Systems
- \* Aeroplane High Altitude Breathing Systems
- \* Oxygen Charging Systems

## Performance

- \* Min/max continuous service temperature range 60 C to 260 C.

## Note

1. 744 requires special inserts and ferrules, to be advised on order. Please consult with our Technical Department for further information.

fi Du Pont Registered Trade Mark

HOSE TYPE	NOMINAL INSIDE DIAMETER		NOMINAL OUTSIDE DIAMETER		NOMINAL WALL THICKNESS		MINIMUM BEND RADIUS		DYNAMIC WORKING PRESSURE		MINIMUM BURST PRESSURE		WEIGHT		FERRULE PART NO
	IN	M M	IN	M M	IN	M M	IN	M M	PSI	BAR	PSI	BAR	LB/FT	KG/M	
744-04	1/4	6.4	0.49	12.5	0.04	1.02	1.0	25	4500	310	18000	1240		0.085	
744-07	13/32	10.5	0.71	18.0	0.04	1.02	2.0	51	3500	241	14000	966		0.498	



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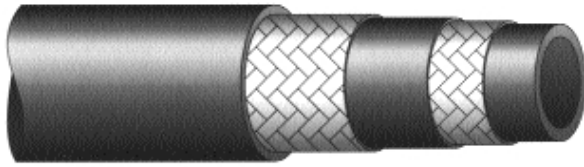
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oxygen charging PTFE

746

PTFE TYPE

## oxygen charging PTFE hose



A high performance PTFE hose designed specifically for extreme high pressure oxygen charging systems.

Type 746 is similar to type 744, but with more extreme high pressure and minimum burst ratings due to its Kevlar and stainless steel construction.

The hose offers optimum resistance to oxygen reaction over hose where carbon steel wire is used in construction.

#### Construction

Type 746 comprises of an extruded heavy wall PTFE liner made from TEFLON<sup>®</sup>, one Aramid braid plus one Stainless Steel braid and an abrasion-resistant polyurethane outer cover.

#### Applications

- \* Extreme High Pressure Oxygen Charging Systems e.g. Aircraft

#### Performance

- \* Min/max continuous service temperature range 60 C to 260 C.
- \* Kevlar used in construction provides flexibility at low temperatures.

#### Note

1. 746 requires special inserts and ferrules, cleanliness and test requirements, to be advised on order. Please consult with our Technical Department for further information.

fi Du Pont Registered Trade Mark

HOSE TYPE	NOMINAL INSIDE DIAMETER		NOMINAL OUTSIDE DIAMETER		NOMINAL WALL THICKNESS		MINIMUM BEND RADIUS		DYNAMIC WORKING PRESSURE		MINIMUM BURST PRESSURE		WEIGHT		FERRULE PART NO
	IN	M M	IN	M M	IN	M M	IN	M M	PSI	BAR	PSI	BAR	LB/FT	KG/M	
746-04	1/4	6.4	0.49	12.5	0.04	1.02	1.0	25	5500	379	22000	1517		0.239	
746-07	13/32	10.5	0.71	18.0	0.04	1.02	2.0	51	4700	324	18800	1297		0.400	



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