

# THERMOPLASTIC HOSES

From 70 bar to 250 bar – From 1015 psi to 3625 psi



Technical features of the hoses with textile reinforcement meeting or exceeding SAE 100R7 standard

	Ø				PRESSURE AT 23°C		PRESSURE		RADIUS			
	INTERNAL INCH.	INTERNAL MM.	EXTERNAL INCH.	EXTERNAL MM.	MIN. BURST BAR	MIN. BURST PSI	WORKING MAX. BAR	WORKING MAX. PSI	MIN. BEND MM.	MIN. BEND INCH.	WEIGHT G/M	WEIGHT LBS/FT
*	3/8"	9.7	0.63	16.0	700	10150	175	2537	55	2.17	155	0.104
*	3/4"	19.2	1.043	26.5	360	5220	90	1305	145	5.71	330	0.222

## TECHNICAL-CONSTRUCTIVE FEATURES

Internal core in thermoplastic polyester, reinforcement in polyester fiber, exterior covering in antiabrasion polyurethane stabilized to UV rays and resistant to micro-organisms; on request it is also available in micro perforated version for air and compatible gas.

## APPLICATIONS

The hoses have been created for hydraulic use at medium pressure.

## UTILIZATION TEMPERATURE

From -40°C to +100°C From -40°F to +212°F

Max. working temperature of air, water and fluids containing water:  
+ 70°C. (+158°F)

## WORKING PRESSURE

Safety ratio 1:4.

## VACUUM RATING

-13,5 psi; 27,5 inch Hg

## SPECIFICATIONS

These hoses meet or exceed standards SAE J517 sec. SAE 100R7 – EN 855 – ISO 3949.

\* Approved hoses (TYPE APPROVAL) by Lloyd's Register.