

NORMIST®

HYDRAULIC

HOSES



HOSES

HYDRAULIC HOSES

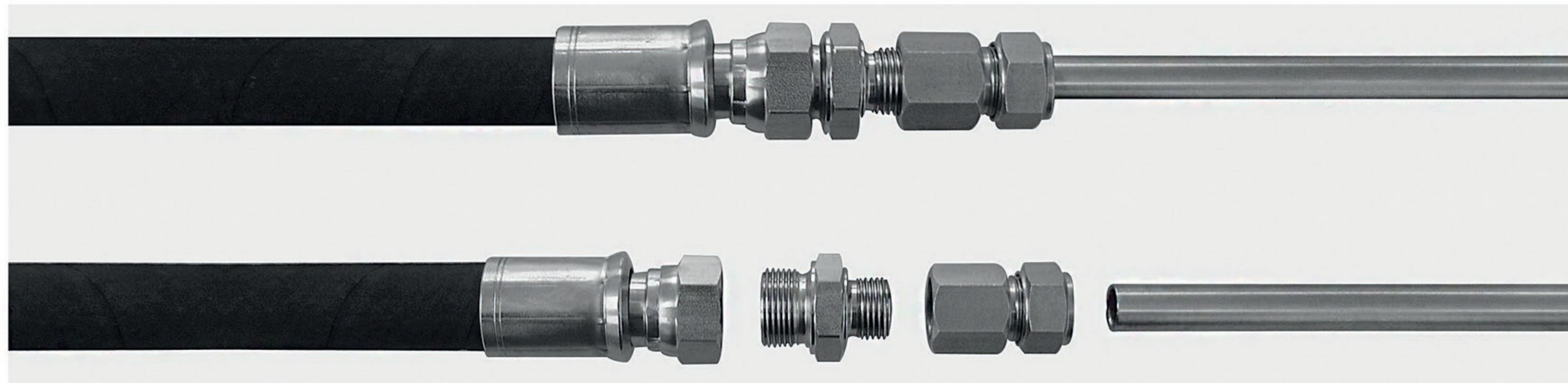
These hoses are the most economical way to transfer the high pressure water from pump room to different sections of the greenhouse.

SPECIFICATION OF HYDRAULIC HOSES

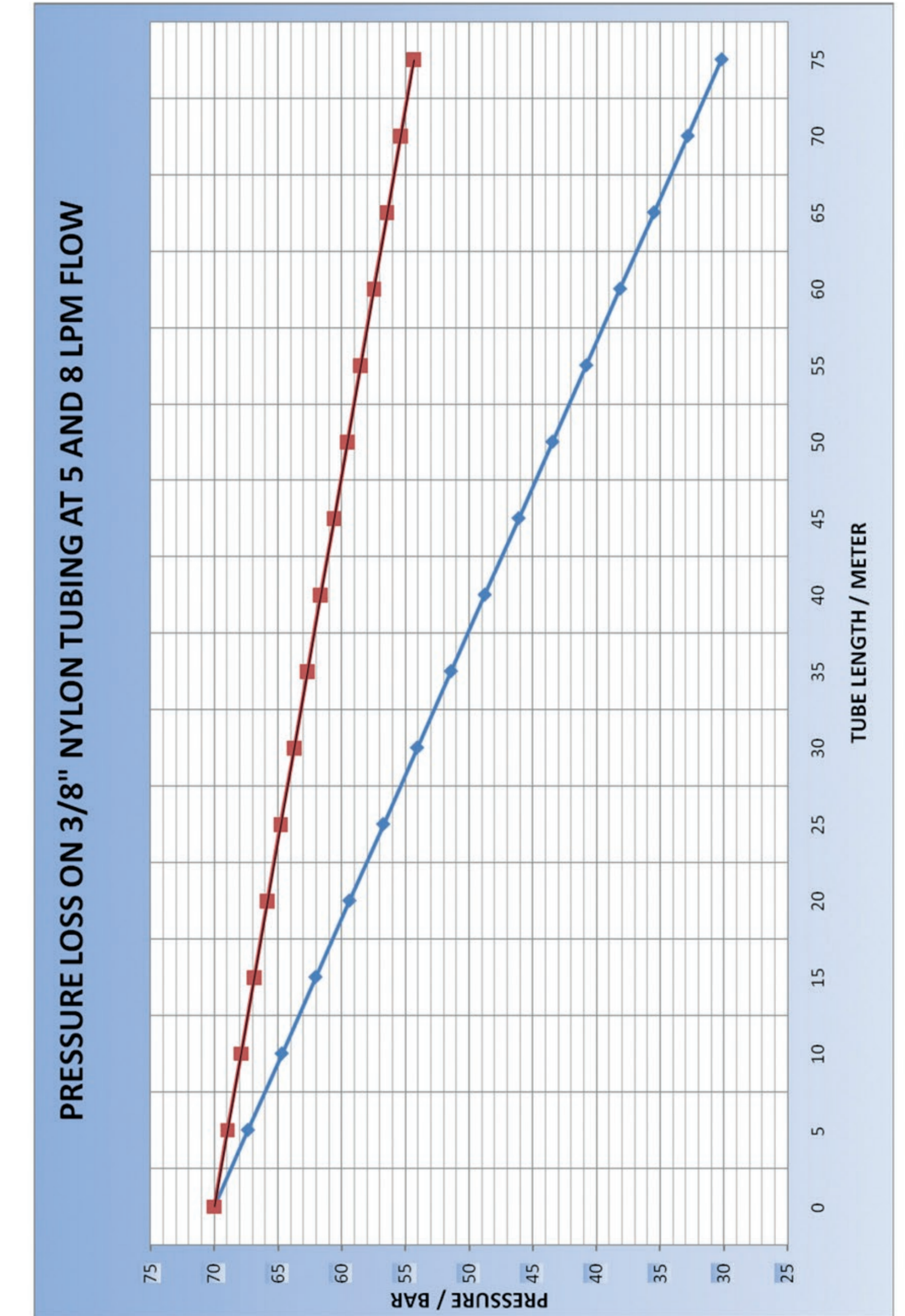
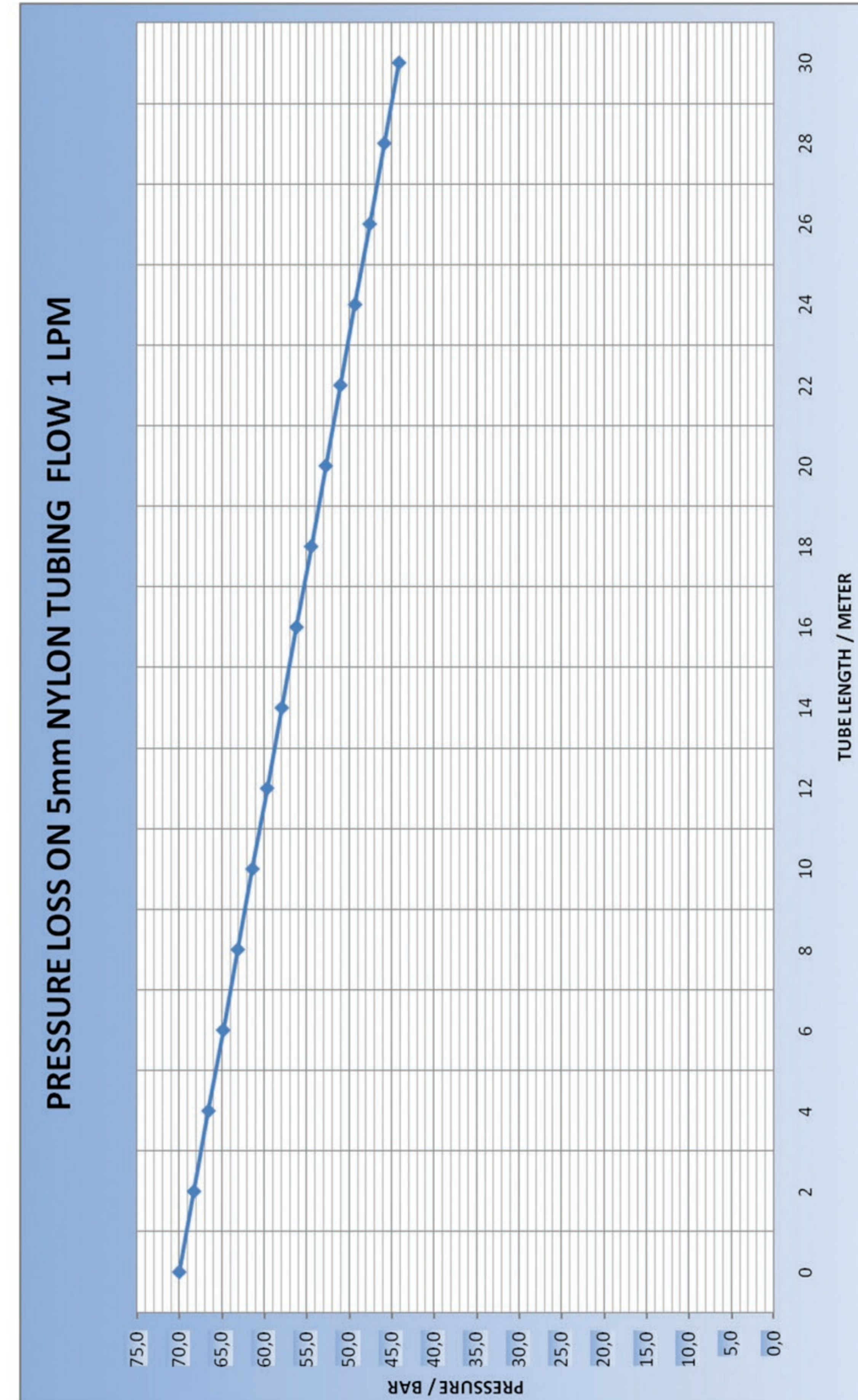
Tube: Mineral, vegetable and hydraulic oil resistant special synthetic rubber.
 Reinforcement: High tensile steel wire braid.
 Cover: oil, abrasion and weather resistant special synthetic rubber.

SIZE	INT. Ø mm	EXT. Ø mm	WORKING PRESSURE BAR	BURST PRESSURE BAR	MINIMUM BENDING RADIUS mm
5/16"	8,0	17,1	215	970	115
3/8"	9,5	19,4	180	820	130
1/2"	12,7	22,6	160	700	180
5/8"	16,0	25,8	130	600	200
3/4"	19,0	29,8	105	500	240
1"	25,4	37,6	88	385	300
1"1/4 Special Grade	31,8	49,8	125	620	420

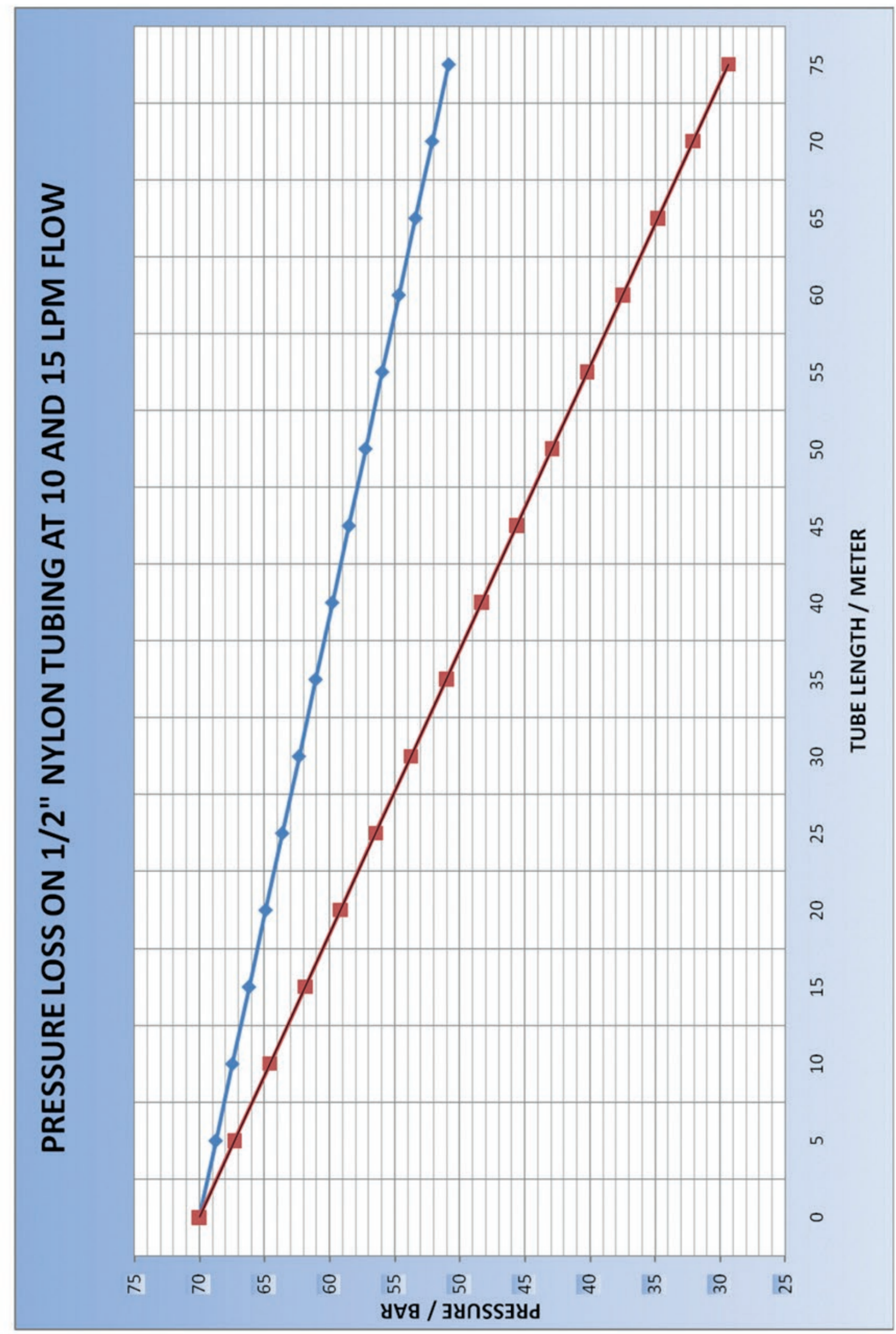
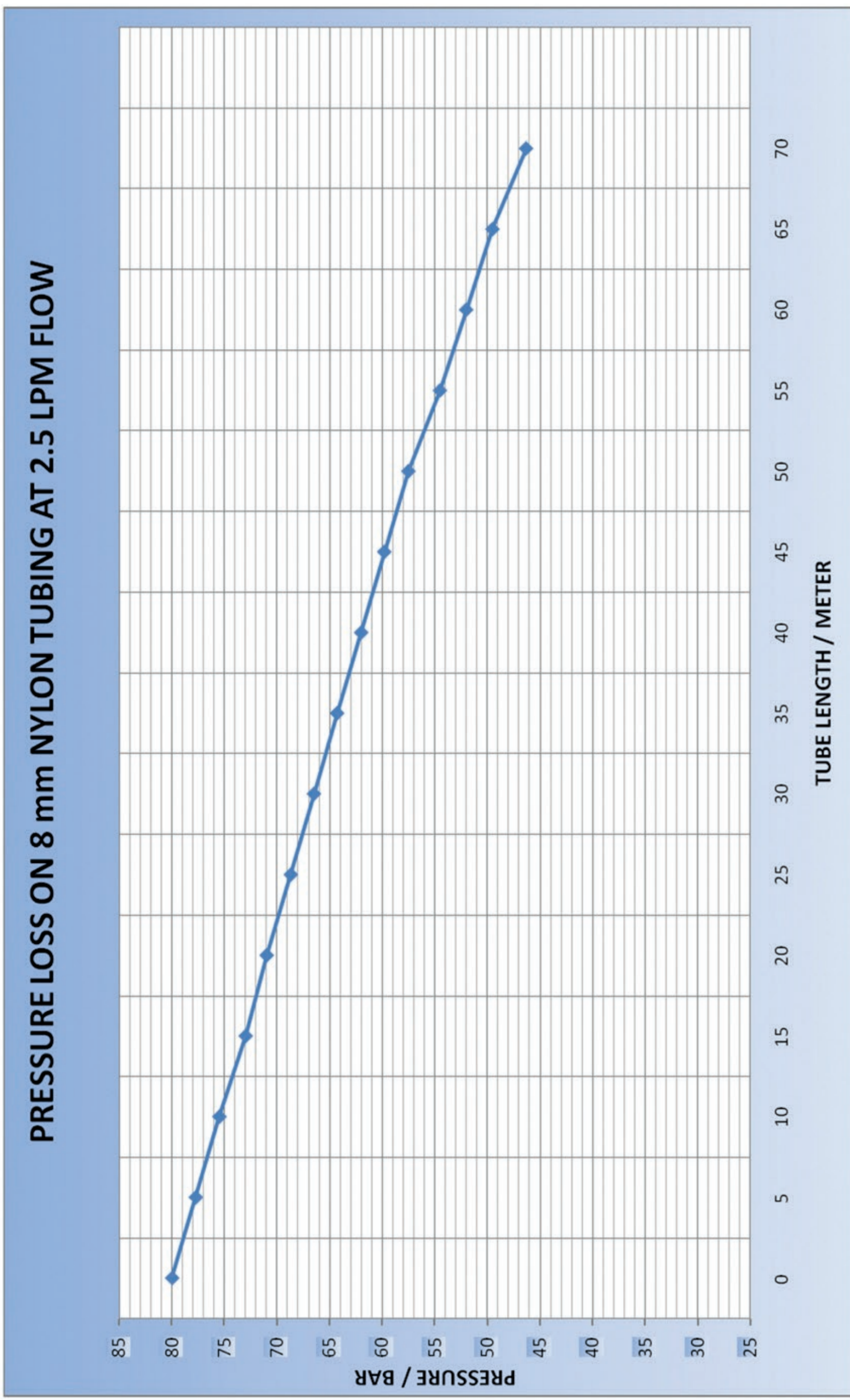
TYPICAL CONNECTION FROM HOSE TO SS PIPE



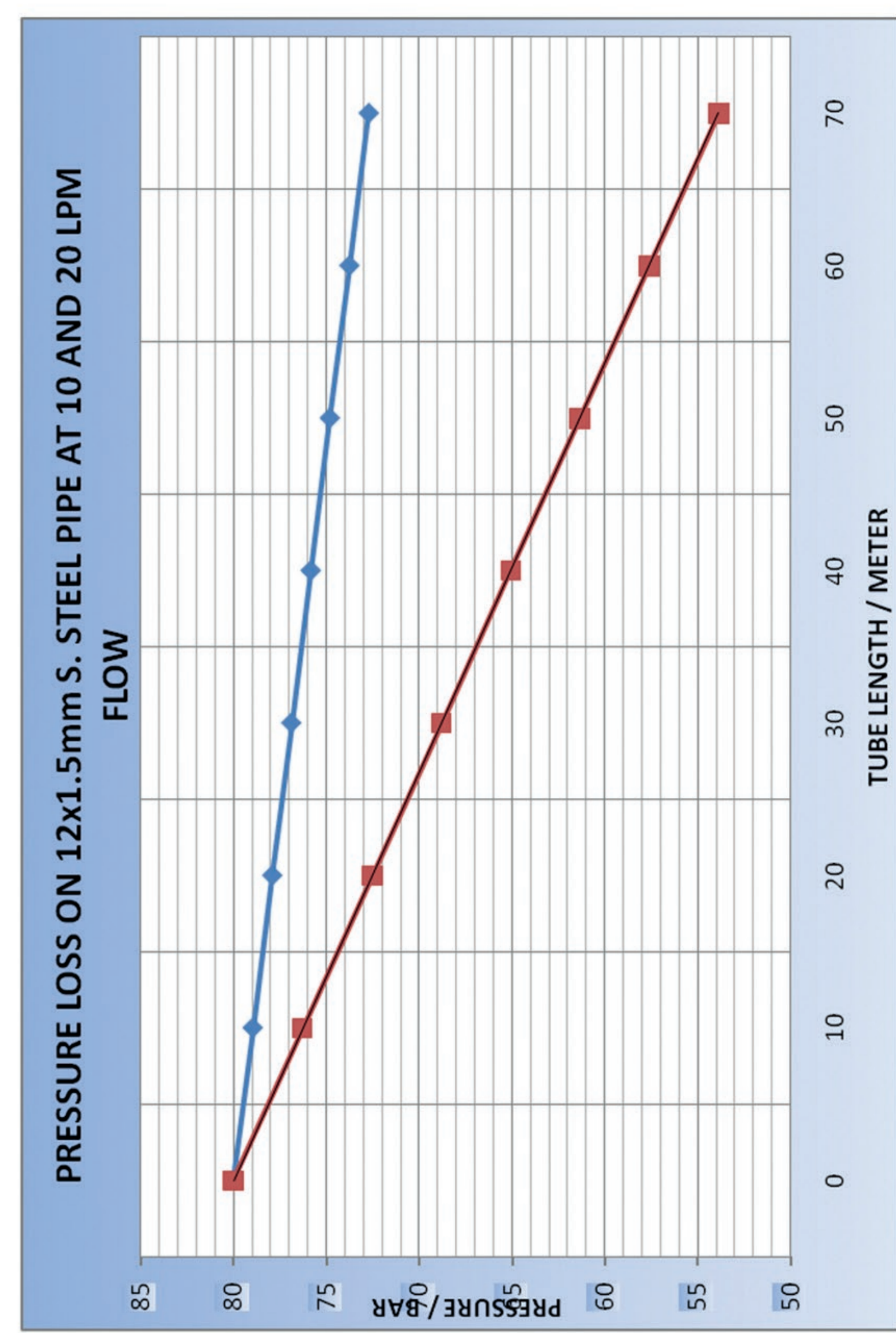
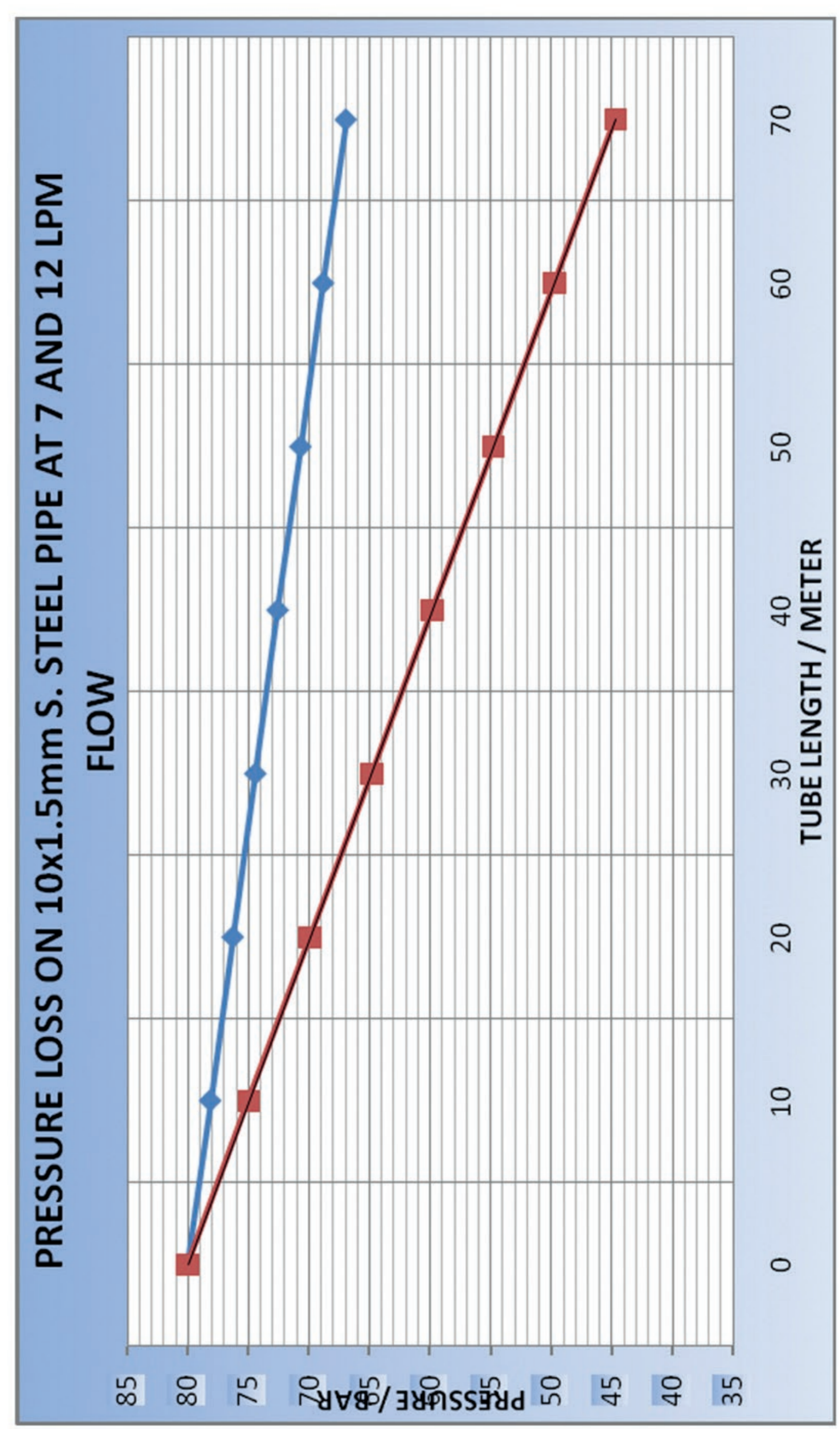
PRESSURE LOSS ON TUBES, PIPES AND HOSES PRESSURE LOSS ON NYLON TUBES



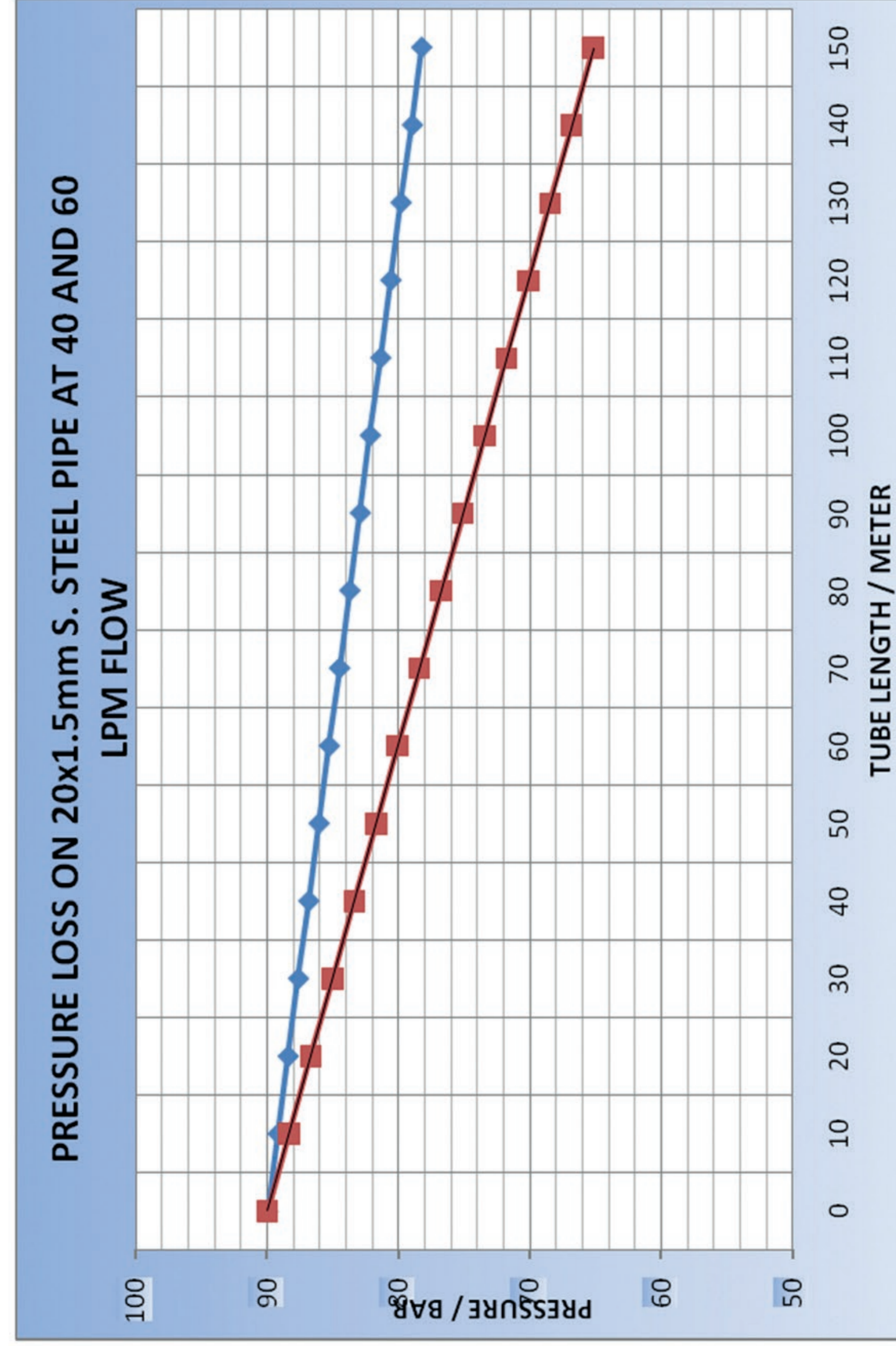
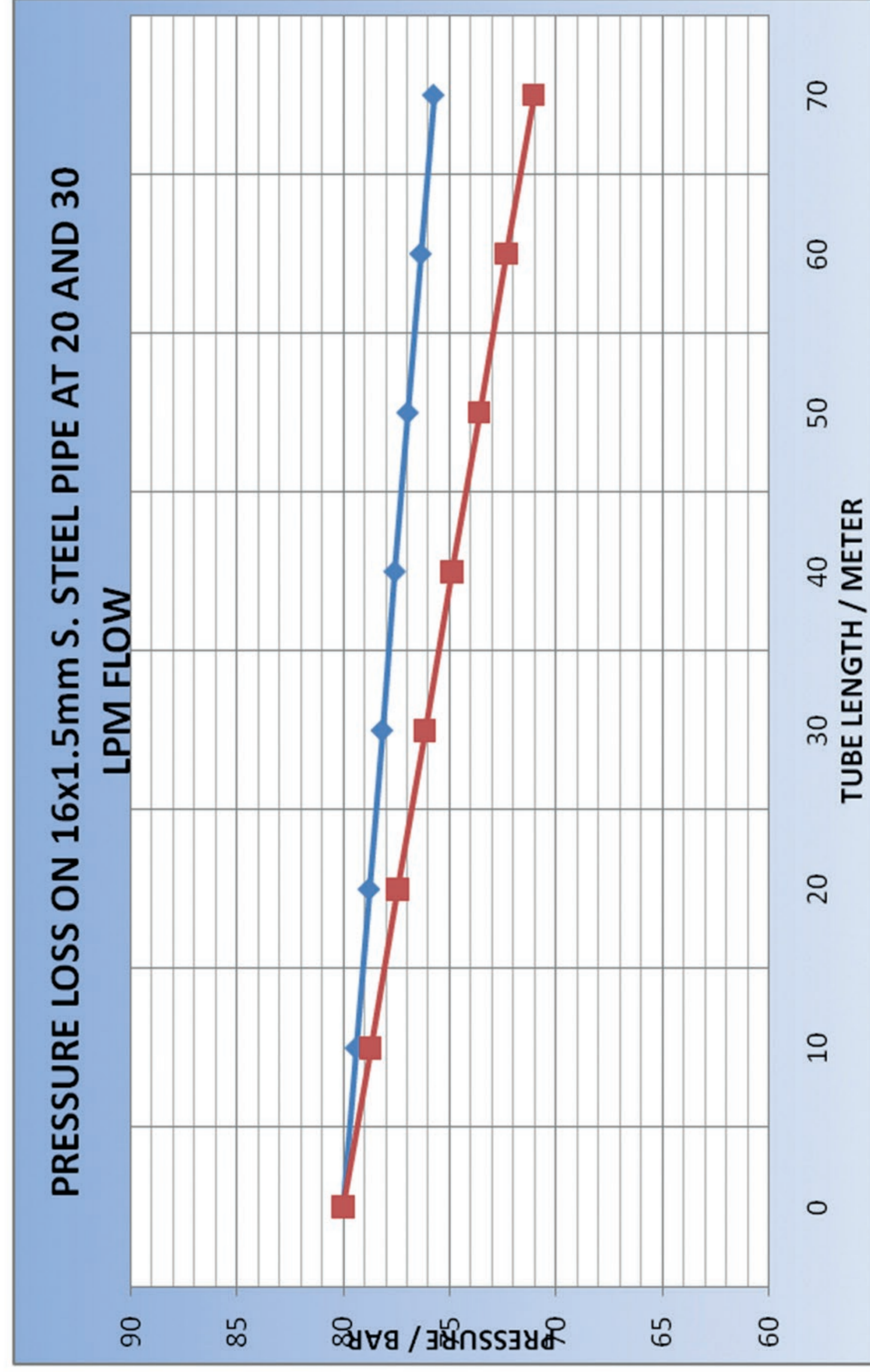
PRESSURE LOSS ON NYLON PIPES



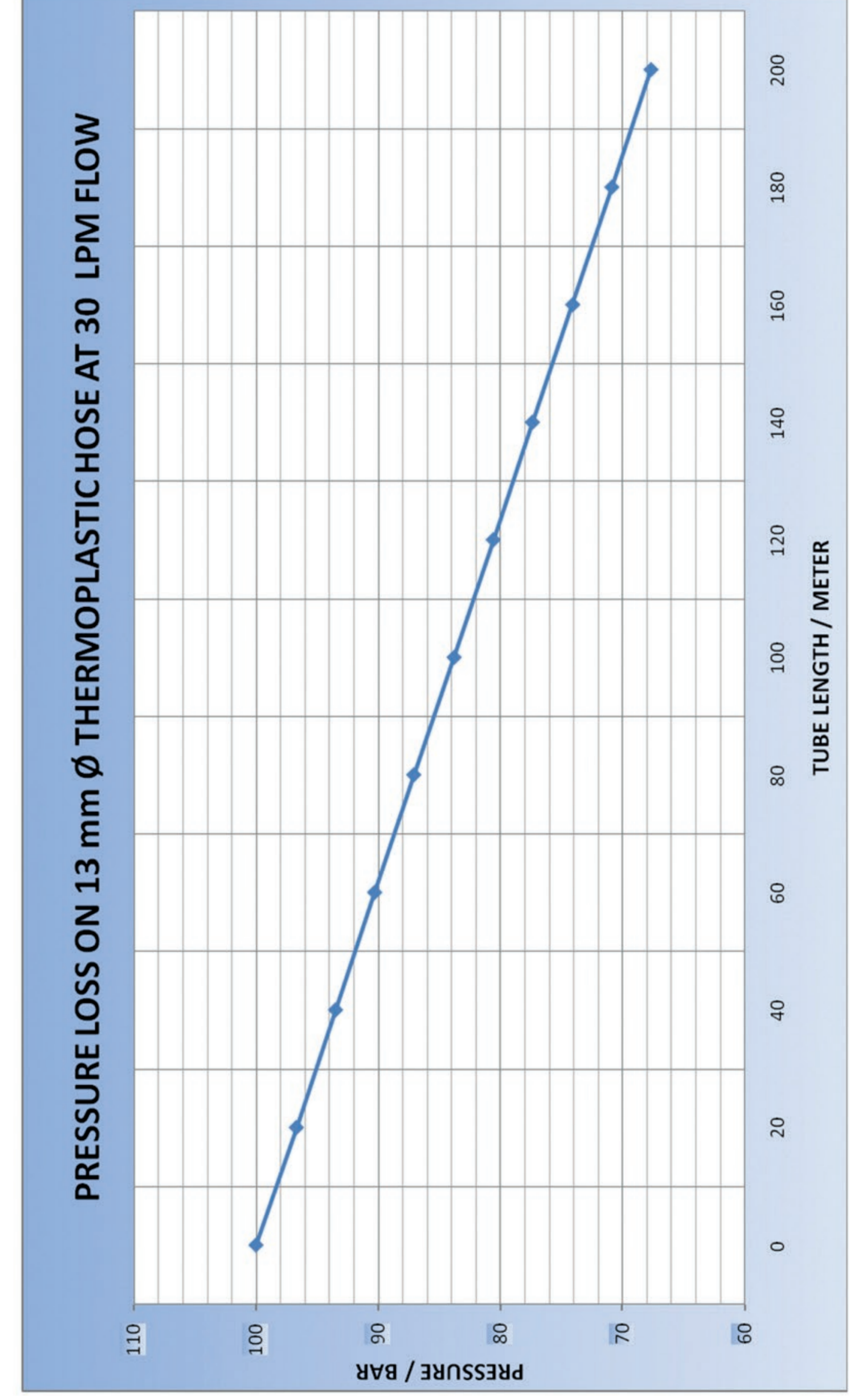
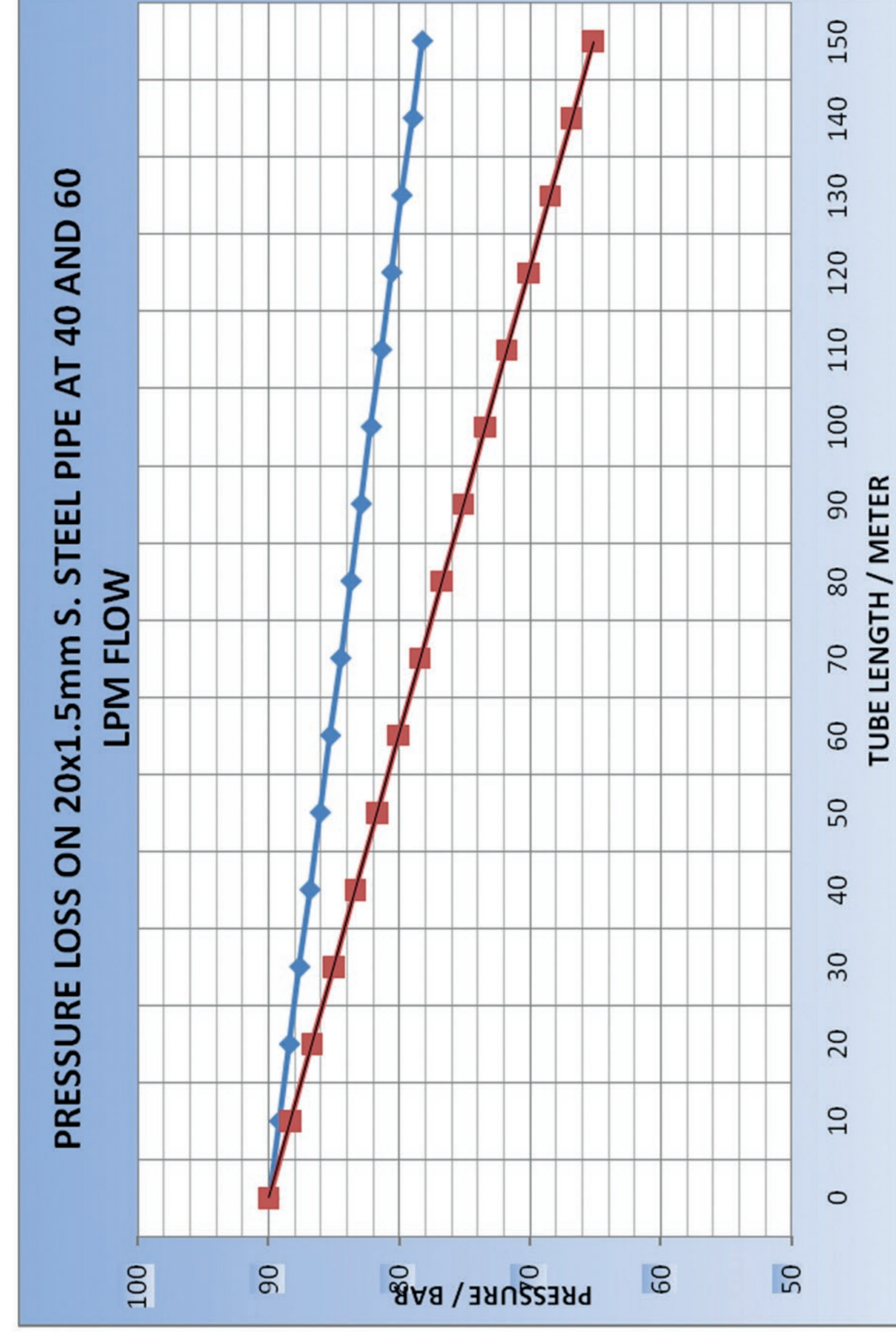
PRESSURE LOSS ON S. STEEL PIPES



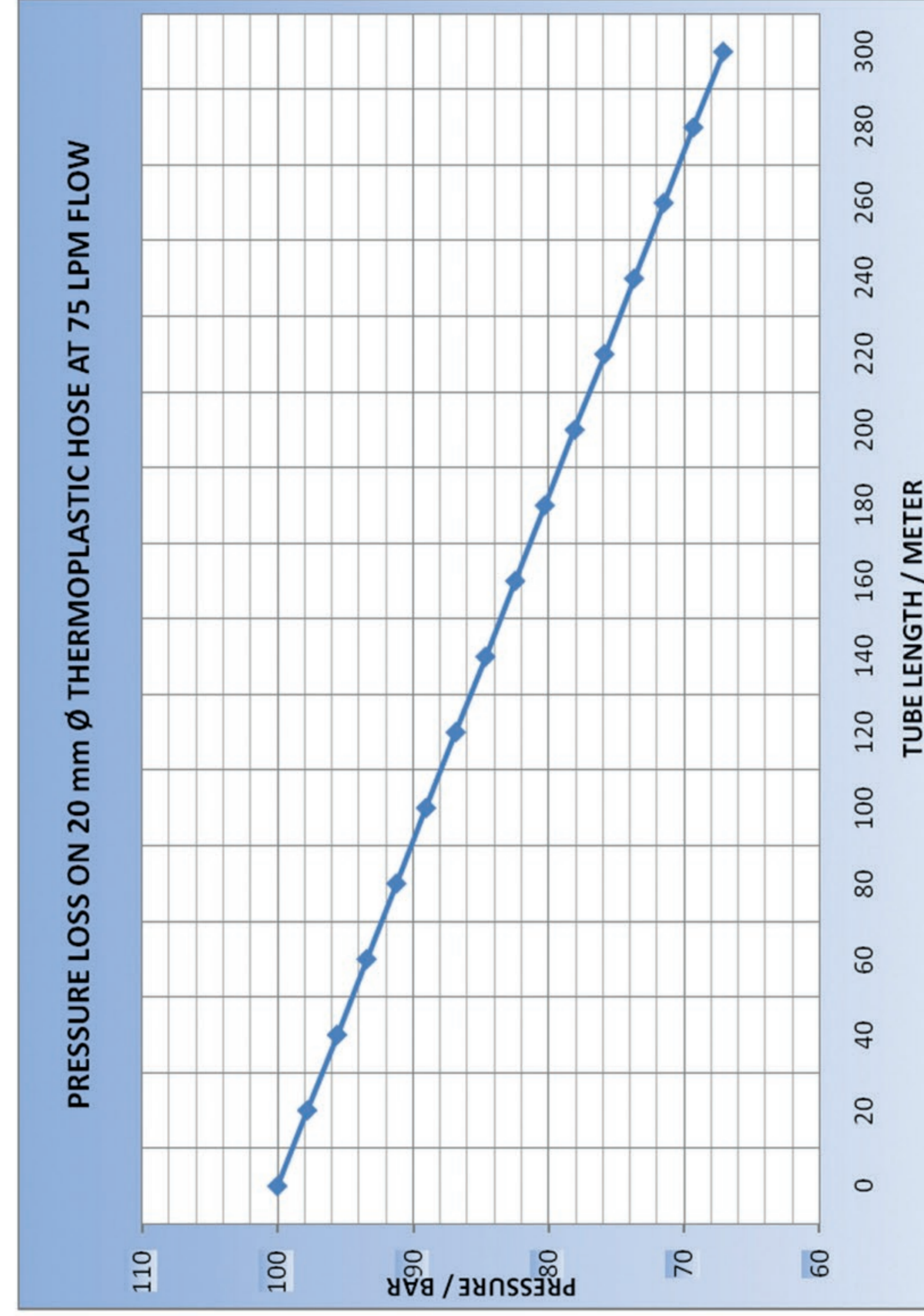
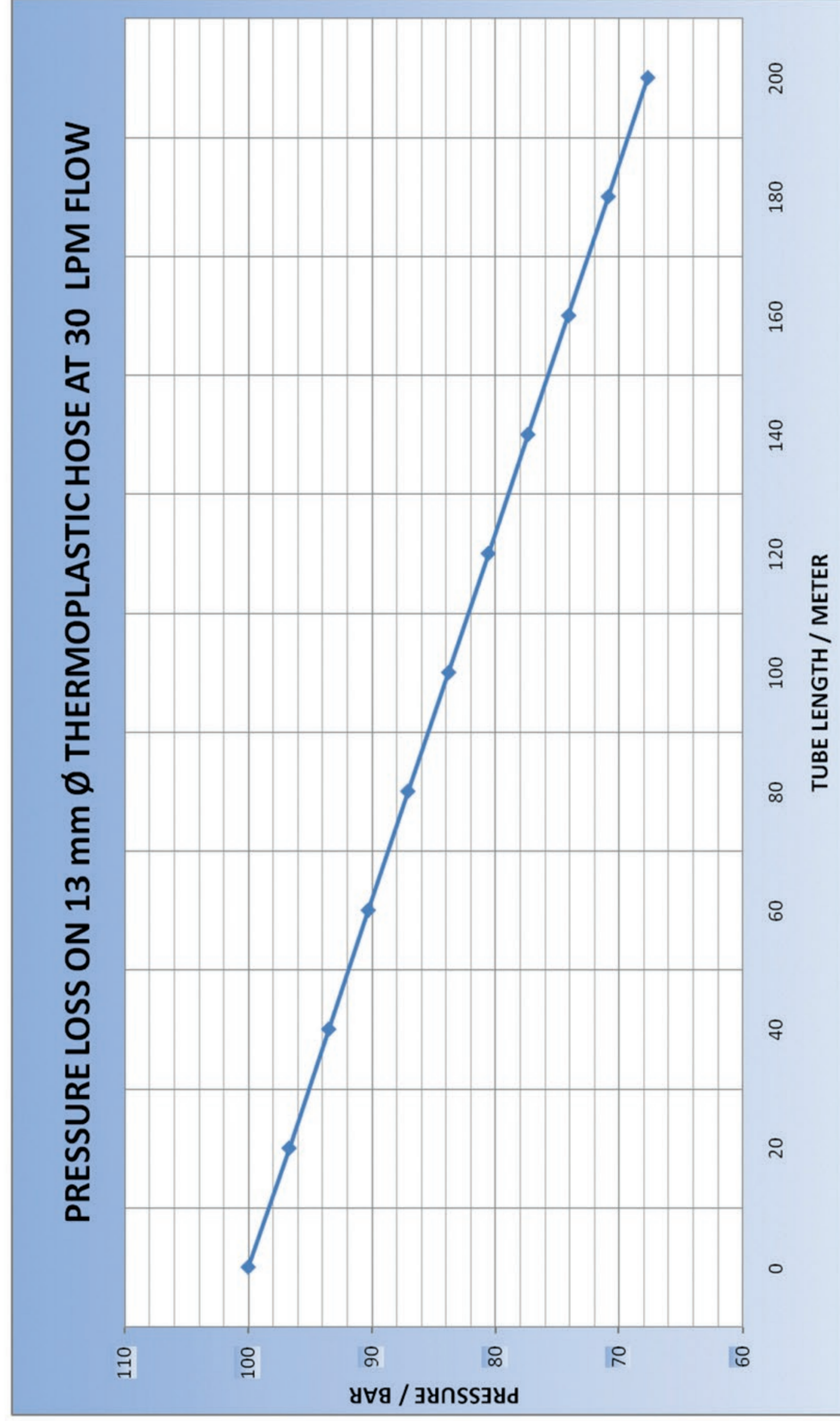
PRESSURE LOSS ON S. STEEL PIPES



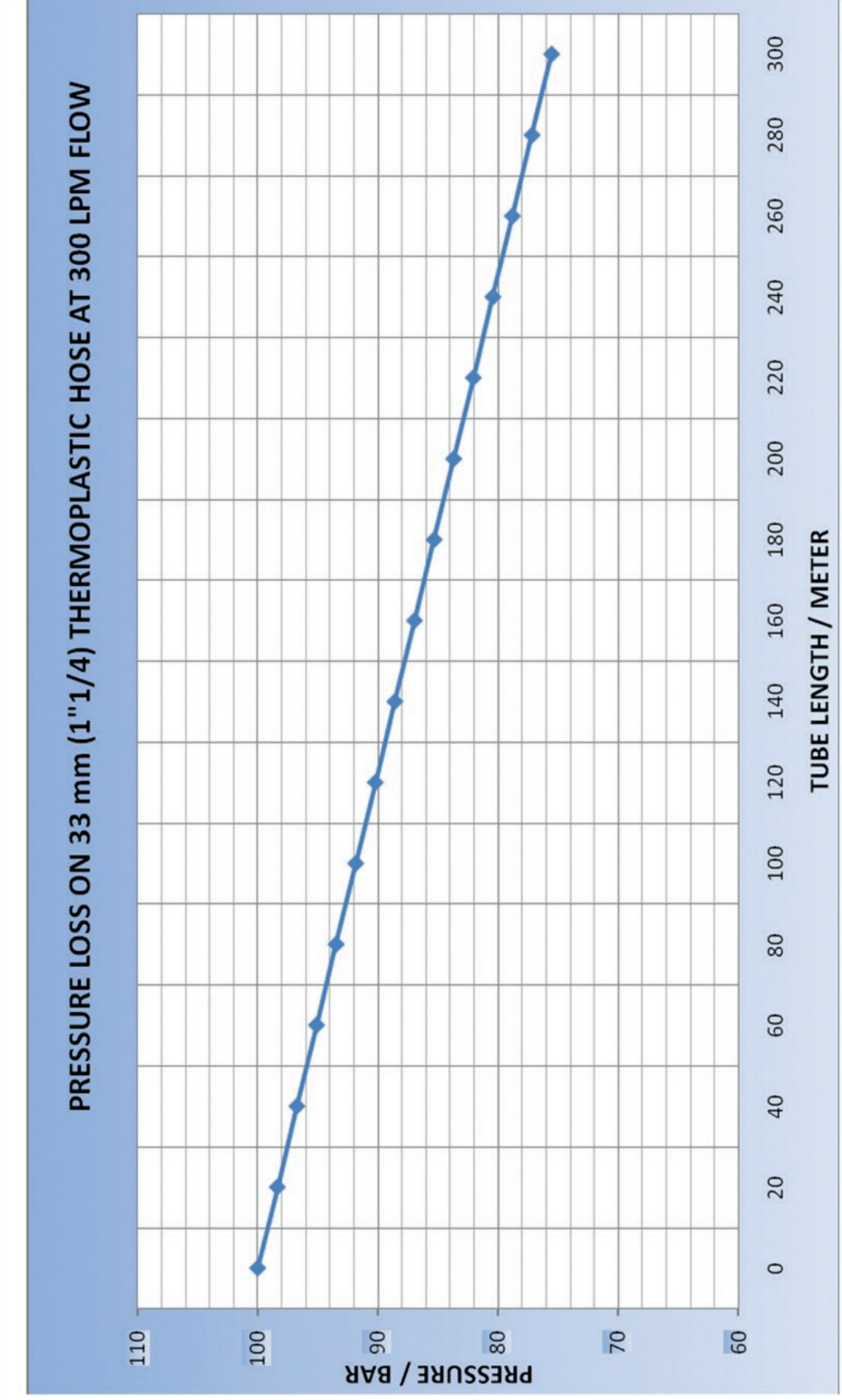
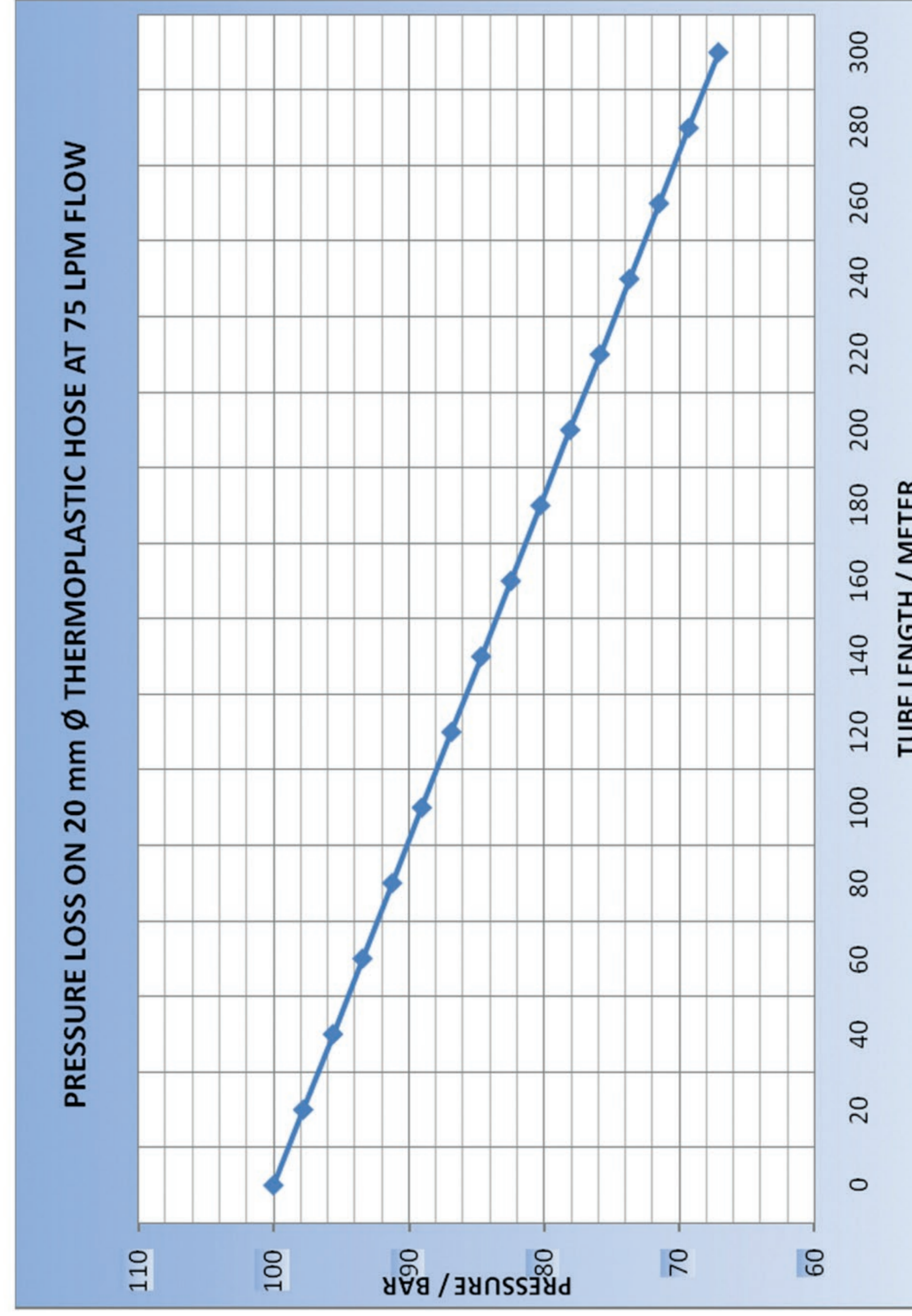
PRESSURE LOSS ON HYDRAULIC HOSES
 9.3 mm = 3/8" 13 mm = 1/2"



PRESSURE LOSS ON HYDRAULIC HOSES
 16.5 mm = 5/8" 20 mm = 3/4"

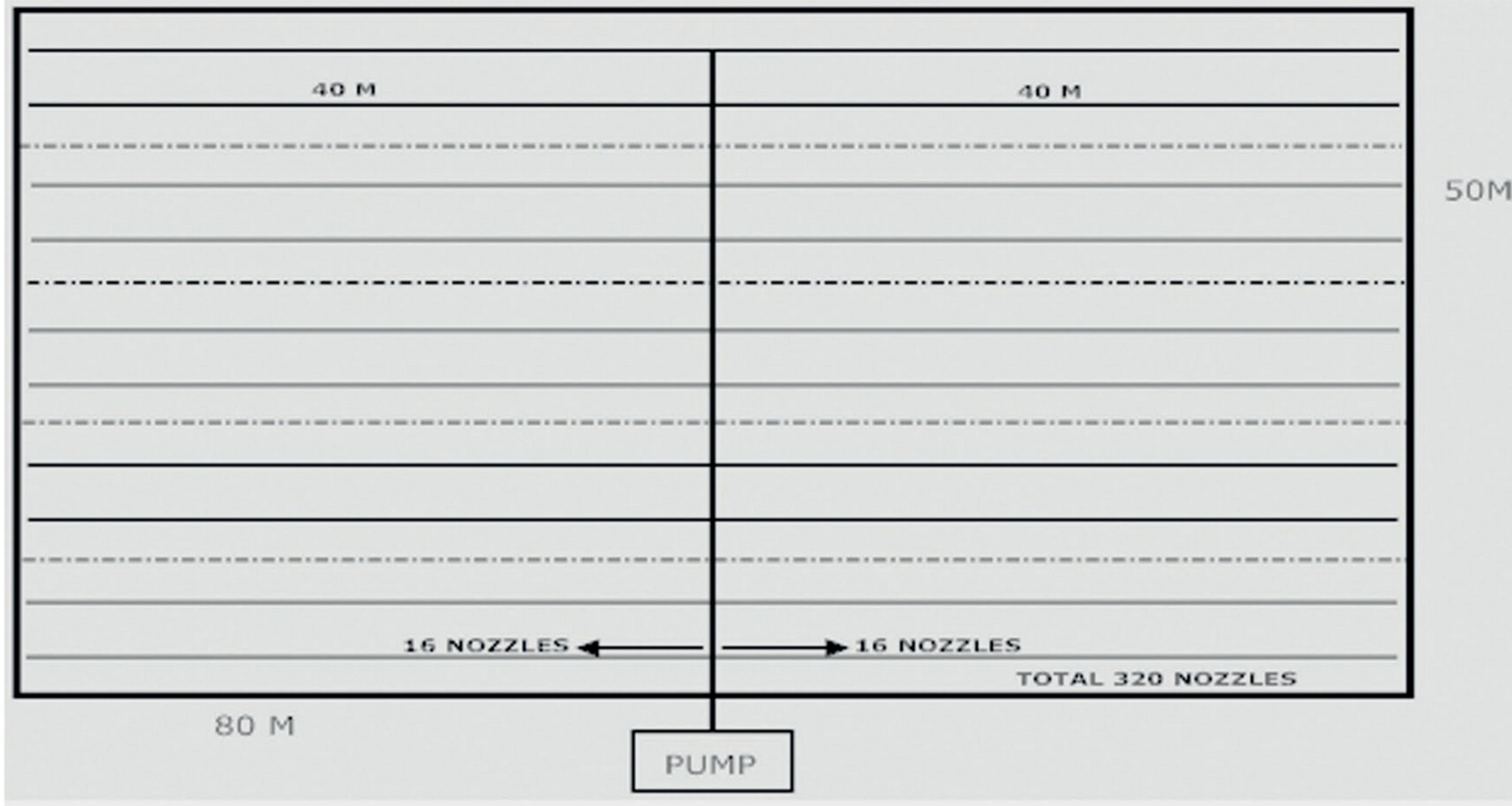


PRESSURE LOSS ON HYDRAULIC HOSES
 25 mm = 1" 33 mm = 1 1/4"

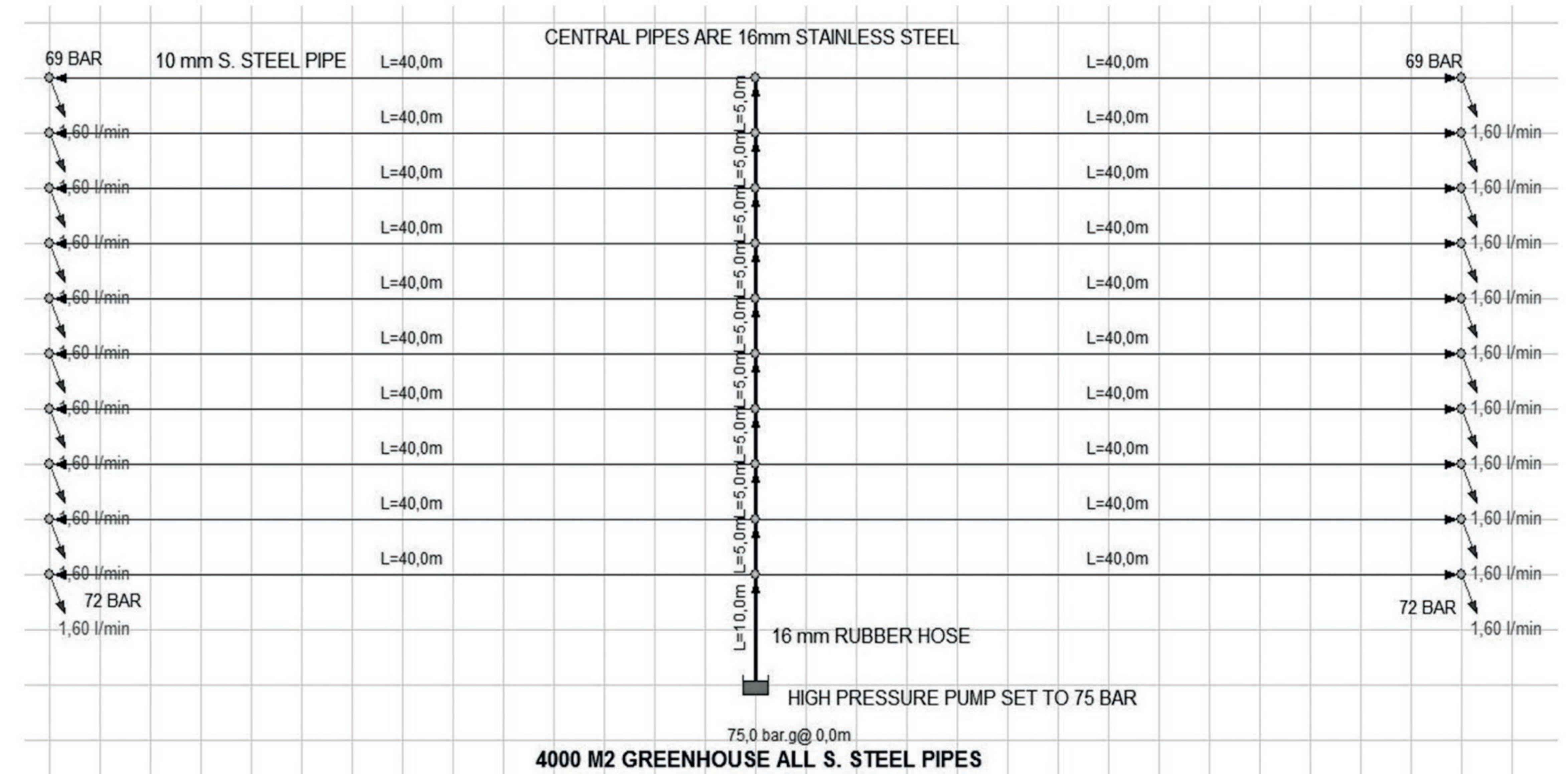


4000 M² GREENHOUSE EXAMPLE
ALL STAINLESS STEEL TUBE. CAPACITY 0.480 L/M²/H

AR36 100 Bar 36 lpm high pressure pump unit.
Control Box with electronic ON/OFF Timer, humidistat, auto drain system, and pump protection.
Misting capacity 0.48 liters/m²/hour.



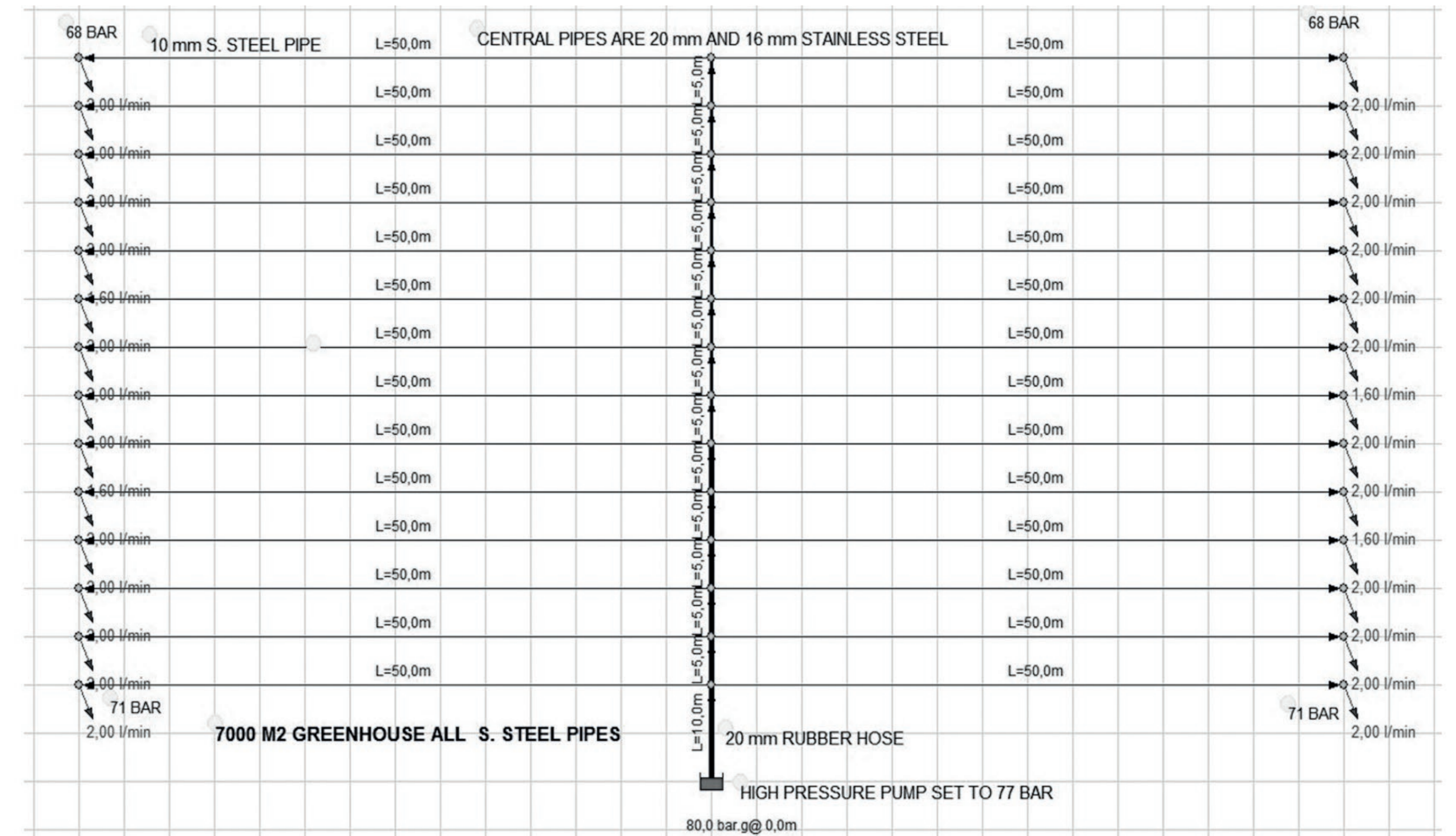
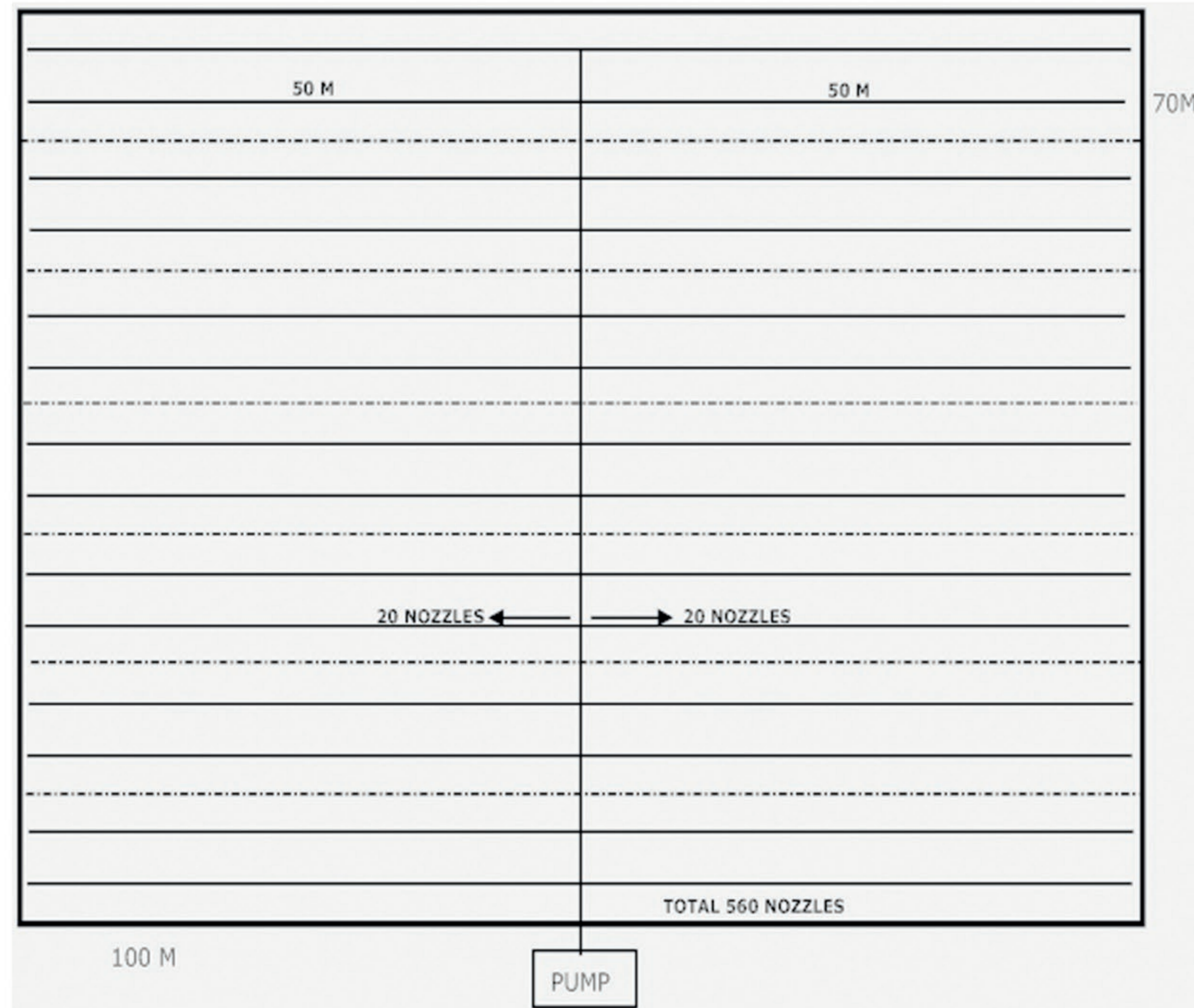
320 each 0.3 mm orifice, 0.1 lpm flow fine droplet hex nozzles.
Fittings for 10 mm steel tube are quick insert (slip-lock). Compression fitting for 16 mm S. Steel pipes.
Primary lines 16x1.5 mm Stainless Steel, secondary lines 10 mm stainless steel.
20" triple filter group. 5-10-25 microns.



7000 M² GREENHOUSE EXAMPLE
ALL STAINLESS STEEL TUBE. CAPACITY .480 L/M²/H

2XAR36 100 Bar 72 lpm high pressure pump unit.
Control Box with electronic ON/OFF Timer, humidistat, auto drain system, and pump protection.
Misting capacity 0.48 liters/m²/hour.

560 each 0.3 mm orifice, 0.1 lpm flow fine droplet hex nozzles.
Fittings for 10 mm SS pipe are quick insert. Compression fittings for S. Steel pipes 16 and 20 mm.
Primary lines 20x1.5 mm and 16x1.5 mm Stainless Steel, secondary lines 10 mm stainless steel.
20" large double filter group. 5-20 and 20 microns cartridges.

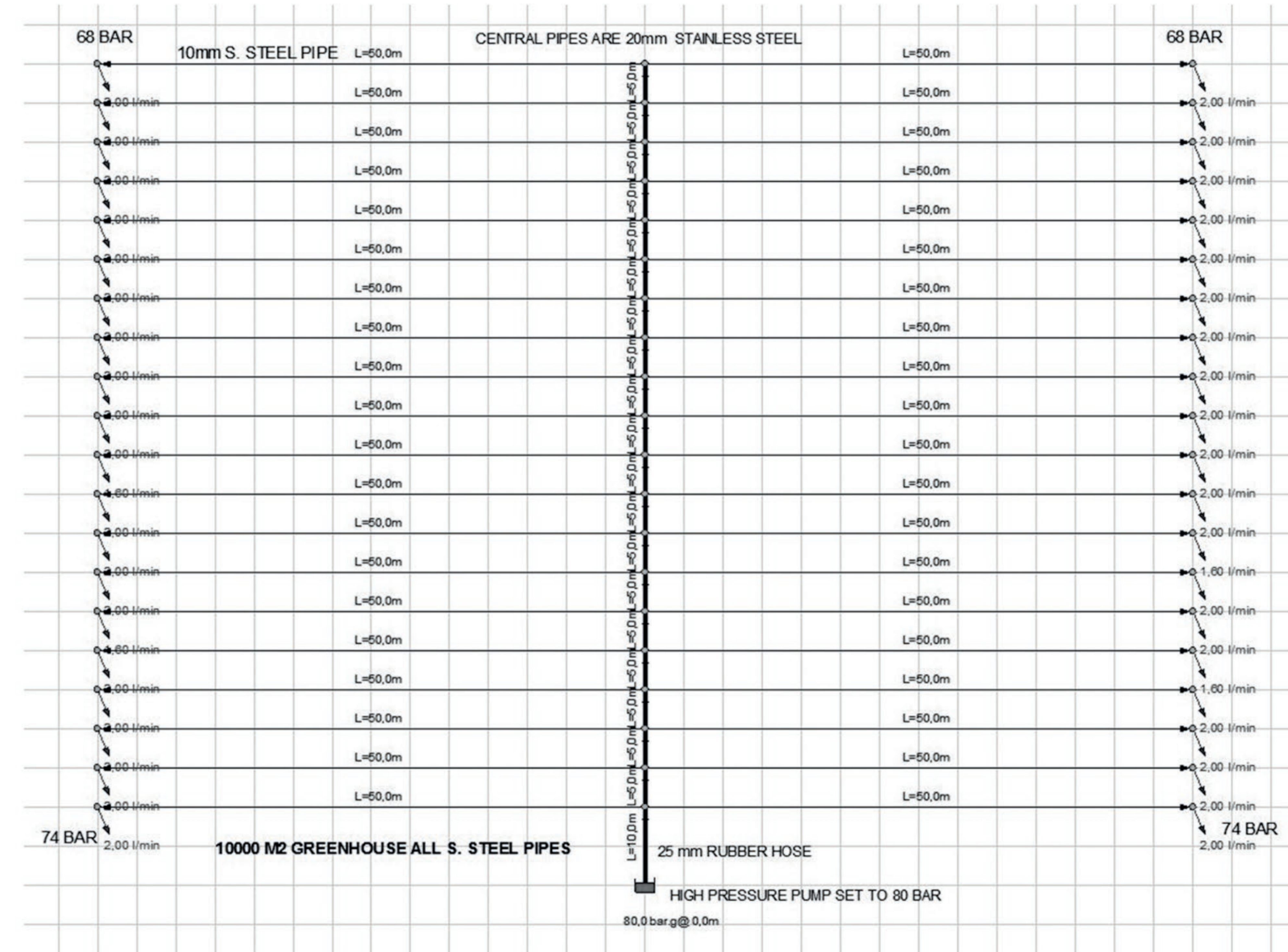


10000 M² GREENHOUSE EXAMPLE
 ALL STAINLESS STEEL TUBE. CAPACITY 0.480 L/M²/H

2XAR50 100 Bar, 100 LPM high pressure pump unit.
 Control Box with electronic ON/OFF Timer, humidistat, auto drain system, and pump protection.
 Misting capacity 0.48 liters/m²/hour.



800 each 0.3 mm orifice, 0.1 lpm flow fine droplet hex nozzles.
 Fittings for 10mm S. Steel tube are quick insert. Compression fittings for 20 mm S. Steel pipes.
 Primary lines 20x1.5 mm Stainless Steel, secondary lines 10mm S. Steel pipe.
 20" large double filter X 2 group. 5-20 and 20 microns cartridges.

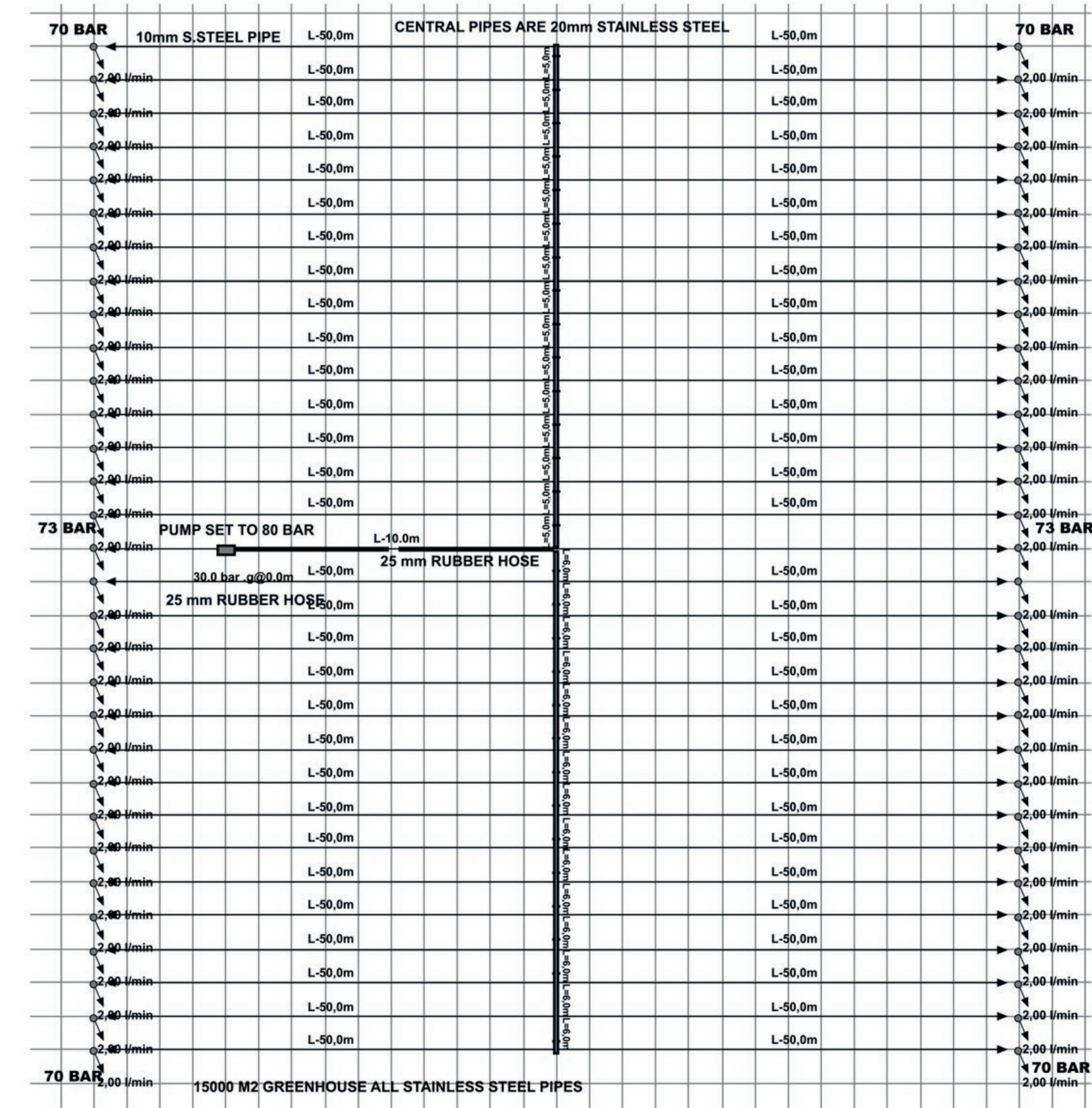


15000 M² GREENHOUSE EXAMPLE
ALL STAINLESS STEEL TUBE. CAPACITY 0.480 L/M²/H

3XAR150 100 Bar, 150 LPM high pressure pump unit.
Control Box with electronic ON/OFF Timer, humidistat, auto drain system, and pump protection.
Misting capacity 0.48 liters/m²/hour.



1200 each 0.3 mm orifice, 0.1 lpm flow fine droplet hex nozzles.
Fittings for 10 mm S. Steel tube are quick insert. Compression fittings for 20 mm S. Steel pipes.
Primary lines 20x1.5 mm Stainless Steel, secondary lines 10 mm Stainless Steel.
20" large double filter X 2 group. 5-20 and 20 microns cartridges.



The logo consists of the word "NORMIST" in a bold, sans-serif font, with a registered trademark symbol (®) to its upper right. The text is centered within a blue, horizontally-oriented oval that has a gradient and a slight 3D effect.

NORMIST®

The website address is written in a bold, blue, sans-serif font, following the curve of the bottom edge of the large circular graphic.

www.normist-tr.com