

**TABLA NO 1: Pérdida de Carga Hfl' (mca) x metros en cintas de goteo**

F, Chistiansen  $F=1/(1 + m) + (1/ 2n) + ((m - 1)^{1/2}/6n^2)$

J = 0,473 Q<sup>1,75</sup>

Blassius D-4,75

Presión operación T-tape 8Mil	atm	0.4 a 1.05
Siplast P1 8Mil	atm	0.5 a 0.8
Aquatraxx 8Mil	atm	0.28 a 1.0
RO-DRIP 8 MIL	atm	0.41 - 0.83

Las pérdidas de carga en los laterales y tubería de distribución sumadas deben ser menores o iguales 20%de la presión de operación del emisor.

Criterios

Marca	Modelo	Ø Nominal (mm)	Diametro Interno mm	de=distancia entre emisores (M)	Cantidad de emisoresx 1 ML	q L/h, Emisor	L (M)	Q L/h	F (Christiansen)	hfl(mca)	Hfl=hfxfF (mca)
Ty-tape	Cinta TSX 508-40-250	16	15.8	0.4	2.50	1	12	30.00	0.382	0.004420	0.0017
							25	62.50	0.373	0.033264	0.0124
							50	125.00	0.368	0.223770	0.0824
							75	187.50	0.367	0.682423	0.2502
							100	250.00	0.366	1.505341	0.5508
							120	300.00	0.365	2.485326	0.9084
Ty-tape	Cinta TSX 508-30-340	16	15.8	0.3	3.33	1.02	12	40.80	0.377	0.007570	0.0029
							25	85.00	0.370	0.056972	0.0211
							50	170.00	0.367	0.383262	0.1406
							75	255.00	0.366	1.168817	0.4276
							100	340.00	0.365	2.578268	0.9418
							110	374.00	0.365	3.350873	1.2235
Ty-tape	Cinta TSX 508-20-500	16	15.8	0.2	5.00	1	25	125.00	0.368	0.111885	0.0412
							50	250.00	0.366	0.752671	0.2753
							75	375.00	0.365	2.295387	0.8379
							100	500.00	0.365	5.063345	1.8466
							120	600.00	0.365	8.359608	3.0472
							150	750.00	0.365	13.039512	4.8156
Ty-tape	Cinta TSX 508-15-1000	16	15.8	0.15	6.67	1.5	25	250.00	0.367	0.376335	0.1380
							50	500.00	0.365	2.531672	0.9246
							75	750.00	0.365	7.720732	2.8156
							80	800.00	0.365	9.220138	3.3618
Ty-tape	Cinta TSX 508-10-1350	16	15.8	0.1	10.00	1.35	25	337.50	0.366	0.636296	0.2327
							40	540.00	0.365	2.317336	0.8456
							55	742.50	0.365	5.563159	2.0282
							65	877.50	0.364	8.807158	3.2096
							75	1012.50	0.364	12.051157	4.3910
Irritec & Siplast	P1- 6 mil	16	16.1	0.15	6.67	1.1	25	183.33	0.367	0.200010	0.0734
							50	366.67	0.365	1.345499	0.4914
							75	550.00	0.365	4.103309	1.4964
							100	733.33	0.364	9.051399	3.2985
							105	770.00	0.364	10.351095	3.7717
Aqua-Traxx 8MIL	EAXxx04134	16	15.8	0.1	10.00	1.02	25	255.00	0.366	0.389606	0.1425
							50	510.00	0.365	2.620944	0.9558
							75	765.00	0.364	7.992980	2.9120
							80	816.00	0.364	9.545260	3.4771

Marca	Modelo	Ø Nominal (mm)	Diametro Interno mm	de=distancia entre emisores (M)	Cantidad de emisoresx 1 ML	q L/h, Emisor	L (M)	Q L/h	F (Christiansen)	hfl(mca)	Hfl=hflxF (mca)
Aqua-Traxx	EAXxx0867	16	15.8	0.2	5.00	1.02	25	127.50	0.368	0.115830	0.0426
							50	255.00	0.366	0.779211	0.2850
							75	382.50	0.365	2.376327	0.8675
							120	612.00	0.365	8.654385	3.1547
Aqua-Traxx	EAXxx1245	16	15.8	0.3	3.33	1.02	25	85.00	0.370	0.056972	0.0211
							50	170.00	0.367	0.383262	0.1406
							75	255.00	0.366	1.168817	0.4276
							120	408.00	0.365	4.256734	1.5537
Ro-Drip 8Mil	1CTC1608010	16	15.8	0.1	10.00	0.75	25	187.50	0.366	0.227474	0.0832
							50	375.00	0.365	1.530258	0.5580
							75	562.50	0.364	4.666762	1.7002
							98	735.00	0.364	9.737980	3.5462
Ro-Drip 8Mil	1CTC1608020	16	15.8	0.2	5.00	1	25	125.00	0.368	0.111885	0.0412
							50	250.00	0.366	0.752671	0.2753
							75	375.00	0.365	2.295387	0.8379
							128	640.00	0.364	9.983088	3.6385
Ro-Drip 8Mil	1CTC1608030	16	15.8	0.3	3.33	0.9	25	75.00	0.370	0.045765	0.0169
							50	250.00	0.367	0.752671	0.2762
							75	375.00	0.366	2.295387	0.8397
							128	640.00	0.365	9.983088	3.6429