

Hose Friction Loss

HOSE FRICTION LOSS (PSI per 100 FT)

	1-1/2"	1-3/4"	2"	2-1/2"	3"	4"	5"
60	8.6	4.9	2.2				
70	11.8	6.6	2.9				
80	15.4	8.6	3.8				
90	19.4	10.9	4.9				
100	24.0	13.5	6.0				
120	34.6	19.4	8.6				
140	47.0	26.5	11.8				
150	54.0	30.4	13.5				
200	54.0	24.0	18.0	8.0			
250	84.4	37.5	24.0	12.5	5.0		
300		54.0	18.0	7.2			
350		77.8	24.5	9.8			
400		96.0	32.0	12.8	3.2	1.1	
500			40.3	16.0	5.0	1.7	
750					11.4	3.7	
1000					19.2	6.6	
1500					43.2	17.0	
2000					76.8	32.0	

CONQUEST as Compared to
Typical Woven Hose

HOSE FRICTION LOSS (PSI per 100 FT)

	1-3/4"	2"	2-1/2"	3"	4"	5"	6"
60	3.5	1.4	0.5				
70							
80							
90							
100	9.6	4.0	1.3				
120	15.1	6.2	2.0				
140							
150	21.3	8.9	2.9				
200	40.0	16.0	3.2	1.7			
250	84.0	37.5	12.5	5.0			
300		54.0	18.0	7.2			
350		77.8	24.5	9.8			
400		96.0	32.0	12.8	3.2	1.1	0.6
500				20.0	5.0	1.7	0.9
750				45.0	11.4	3.7	1.9
1000					19.2	6.6	2.6
1500					43.2	14.9	7.3
2000					76.8	26.4	10.4

Typical Extruded Rubber Hose

Dura-Cote™ Hose Treatment

Snap-tite's exclusive "Dura-Cote™" hose treatment is a nitrile/latex (emulsified rubber) material that is force applied (not sprayed) and cross-linked during a high temperature curing process to build a virtually impenetrable shield in your choice of seven vibrant colors. The resultant protective layer gives superior abrasion, heat and chemical resistance, far surpassing the minimal standards or MIL-H-24606B. Compared to competitive coatings of urethane and acrylic, nitrile/latex has remarkably better flexibility and ultra low temperature maneuverability.

- Abrasion resistance increased 10 times over uncoated hose
- Flame resistance increased 5 times
- Resistant to solvents, oil and other hydrocarbons
- Prevents water pick-up — no need for drying
- Immune to fungal damage
- U.V. and Ozone resistant



Dura-Cote™ — Makes Great Hose Even Better