

Station Location/Description _____

The first two parameters are evaluated on a 1-10 scale, 1 being most hostile or extreme and 10 being most friendly or longest life expectancy. The descriptive scales are:

TEMPERATURE EXPOSURE	RATING
111-115°F	1
106-110°F	2
101-105°F	3
96-100°F	4
91-95°F	5
86-90°F	6
81-85°F	7
76-80°F	8
71-75°F	9
70°F and below	10

PRESSURE EXPOSURE	RATING
Above 200 PSI	1
190-199 PSI	2
180-189 PSI	3
170-179 PSI	4
160-169 PSI	5
150-159 PSI	6
140-149 PSI	7
130-139 PSI	8
120-129 PSI	9
119 PSI and below	10

The last 4 factors are on a 1-5 scale because the factors are not as powerful in influencing the hose life as pressure and temperature. A ranking of 1 being most hostile or extreme and 5 being most friendly or longest life expectancy. The descriptive scales are:

FLEXIBILITY	RATING
Bend radius less than 5"	1
Bend radius 5-8"	2
Bend radius 8-11"	3
Bend radius 11-14"	4
Bend radius above 14"	5

TENSION/PULL	RATING
Full "cycle" tension 80-100% of cycle	1
Above avg. tension 60-80% of cycle	2
Average tension 40-60% of cycle	3
Below avg. tension 20-40% of cycle	4
Negligible tension Less than 20% of cycle	5

APPLICATION ENVIRONMENT	RATING
Firewall/Motor compartment or Decklid/Truck area	1
Interior painting (van/truck bodies)	2
Door cut in/Fascia painting	3
Wheel house opening Mirror housings	4
Dust coat of exteriors	5

SPRAYBOOTH AREA	RATING
Cat-track w/o rollers or exposed metal seams	1
Cat-track w/rollers Booth grates, high foot traffic	2
Moderate foot traffic Rolled metal seams on booth	3
Light foot traffic, Smooth booth wall	4
No traffic on hoses Smooth booth walls and floor	5

Please circle the situation that most closely describes the condition that the hoses are exposed to, add up all the Rating Numbers you selected and apply the correct safety factor from the list below. The end result number is the expected life in months of the hoses at that station.

Safety Factor Multiplier

- 1 shift (2080 hours production/year), multiply by 1.0
- 2 shifts (4160 hours production/year), multiply by 0.85
- 3 shifts (6240 hours production/year), multiply by 0.65

Expected Life in Months _____



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