



CAPITAL RUBBER CORP

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Nylon Hose Safety Restraint Selection & Installation Guide



- Install with no slack
- Pressure rating is halved for air and compressed gas applications (refer to product chart or tag)
- Make Figure 8 loops on hose sizes 1.25" and under to achieve maximum rating capability
- Make figure 8 loops where too much slack exists, or use a smaller sized restraint
- Ensure anything the second loop is restrained to has a breaking strength as high as the nylon
- Ensure loops cannot slip past hose or pipe / equipment restrained to, in the event of a blowout
- Apply multiple plies of rubberized tape (between loop and hose end) on slick-cover type hose

REPLACE EVERY TWO YEARS IN OUTDOOR USE, AND WHEN SIGNS OF WEAR ARE PRESENT

ALWAYS REPLACE IN THE EVENT OF A HOSE FAILURE, MATERIAL MAY HAVE WEAKENED EVEN WITHOUT SHOWING VISUAL SIGNS

SIZING:

Each application is unique. Loop to loop lengths shown on our charts are estimated, based on the median hose inside diameter in that product's hose size range. Approximately 10 inches of hose behind the coupling is recommended. Do not install loop end right at a hose coupling, or the restraint may slide off the hose during a hose failure.

When installing from a hose to equipment or behind a flange, a shorter cable may be required.

Rough Calculation for loop lengths: $PI (3.142) \times \text{Hose OUTSIDE Diameter} (X 2 \text{ for hose to hose connections. } X 4 \text{ for double looped hose to hose connections})$