

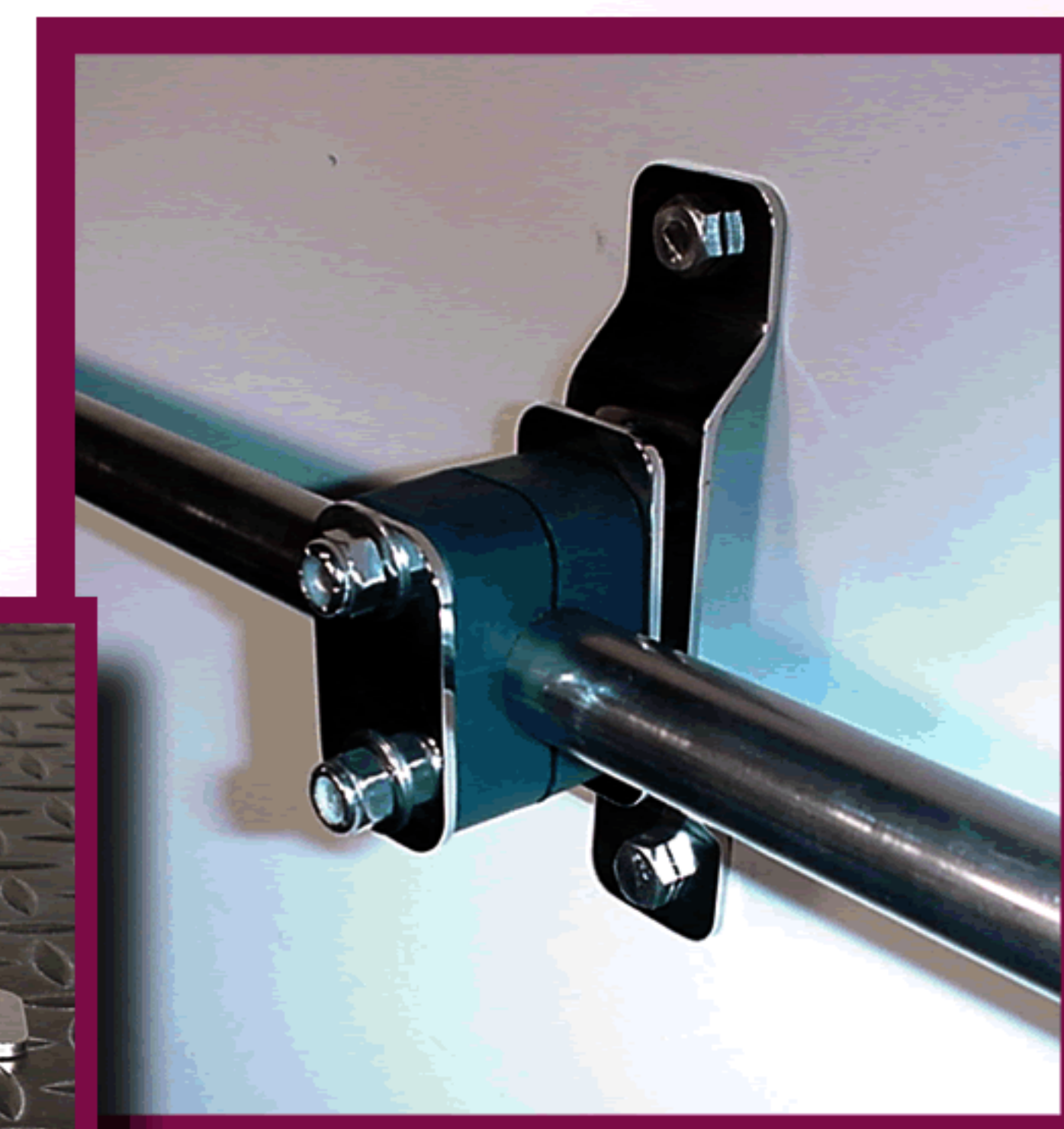


PUT AN END TO HYDRAULIC LINE NOISE & VIBRATION FOREVER!

FINALLY!

INTRODUCING NOVIDAMP HYDRAULIC LINE ISOLATORS

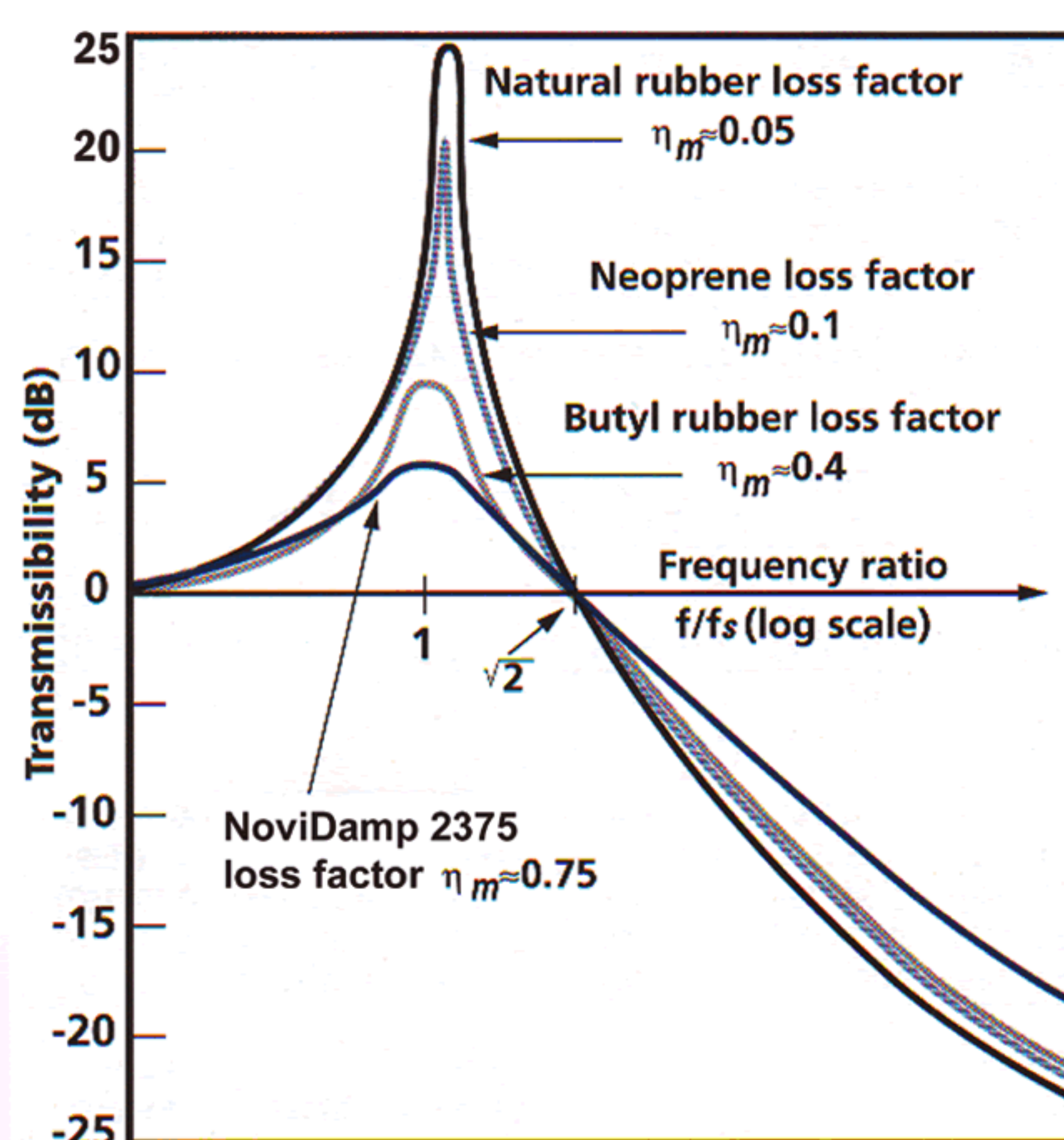
NoviDamp hydraulic line isolators are a complete and effective way to eliminate hydraulic line noise and vibration transfer to the hull structure. By decoupling and isolating the lines, of course, noise radiation from the structure is virtually eliminated.



OUR MATERIAL IS THE DIFFERENCE

Novicon Industries' exclusive NoviDamp 2375 thermoplastic elastomer is an olefinic dynamic vulcanizate. This proprietary formulation gives NoviDamp its rubber-like properties and unique combination of high damping properties and broad temperature range. The NoviDamp 2375 formulation features high internal damping properties which offer important advantages over lower damping materials such as natural rubber, neoprenes, or other TPE's. It efficiently dissipates vibrational energy within the isolator, minimizing the system amplification response and vibration transmissibility at or near the natural frequency.

TRANSMISSABILITY



Uncontrolled response of rubber and other poorly damped elastomeric isolators can mean audible noise in typical operation environments. Novidamp 2375 minimizes these effects.

SIMPLE, COMPACT, EASY TO INSTALL DESIGN

Novicon has made it easy to isolate those pesky hydraulic lines. Novicon hydraulic line isolators are complete assemblies. Simply bolt or screw the base to the structure (mounts can be ordered with aluminum base plates to facilitate welded aluminum construction), remove cap plate and cap, insert tubing, replace cap and cap plate, install washers, tighten nuts and your finished.

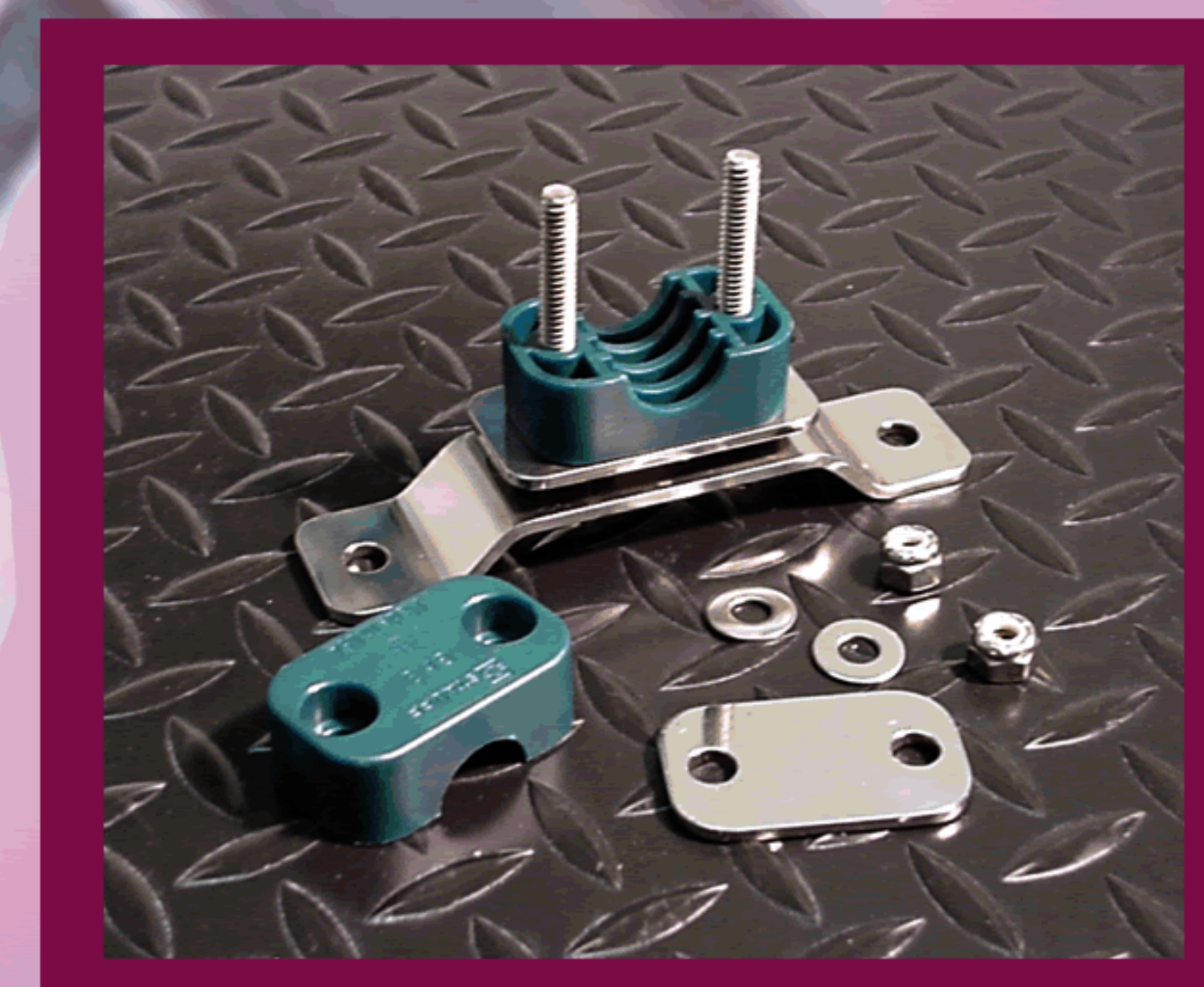
QUALITY TO LAST A LIFETIME

All Novicon Novisorb hydraulic line isolation mounts are 100% 304 stainless steel. They are available with a natural deburred finish or are available highly polished for that custom look. All cap inserts are molded with 100% virgin polypropylene and are rated at 2000-PSI compressive strength. All hardware including bolts, washers and nuts are 304 stainless steel as well. We have even included stainless steel nylock locking nuts for you to assure those hydraulic lines stay put.

VERSATILE

Novisorb hydraulic line isolation mounts can accommodate tubing or piping with outside diameters of 3/4", 7/8", and 1" all in the same size configuration. Novicon part numbers are as follows:

P/N NHLM-01-75, 3/4" O.D. - Natural Finish
 P/N NHLM-01-88, 7/8" O.D. - Natural Finish
 P/N NHLM-01-100, 1" O.D. - Natural Finish
 P/N NHLM-01-75-P, 3/4" O.D. - Polished Finish
 P/N NHLM-01-88-P, 7/8" O.D. - Polished Finish
 P/N NHLM-01-100-P, 1" O.D. - Polished Finish
 (For mounts with aluminum base add "AL" after P/N)



NOVIDAMP 2375 MATERIAL PROPERTIES

| | |
|--|---|
| Hardness ASTM D2240 Shore A Durometer | Flammability MVSS 302 Meets UL 94 HBF Meets |
| Resilience Bashore Rebound ASTM D 2632 72°F 19% | Temperature Range 40°F - 260°F |
| Tensile Properties ASTM D412 Strength MPa 622 psi Elongation 378% | Chemical Resistance Weather Excellent Oxidation Excellent Ozone Excellent Water Good Acid Excellent Alkali Excellent Alcohol Good Gasoline Fair Diesel Fuel Fair |
| Tear Strength ASTM D6249 1 lb./in. | |
| Compression Set ASTM D 395B 24 hr. C 68°F 3.9% | |