

# Pressure Definitions and Reference Chart

<b>SERVICE TEST</b> psi	<b>ACCEPTANCE (PROOF) TEST</b> psi	<b>BURST TEST</b> psi	<b>OPERATING (WORKING)</b> psi	<b>KINK TEST</b> psi
<b>Annual Test</b> This is the pressure used for annual testing & is the pressure (psi) <b>stenciled on the hose</b>	<b>Manufacturer Test</b> The one-time pressure used to conduct testing to ensure new hose meets specifications	<b>Strength Test</b> This is the pressure used for destructive testing to determine strength (Manufacturer)	<b>Operating Pressure</b> This is the highest pressure that the hose should be used in regular operation	<b>Hose Kink Test</b> The pressure applied to hose folded over itself to ensure performance (Manufacturer)
<b>200</b>	<b>400</b>	<b>600</b>	<b>180</b>	<b>300</b>
<b>250</b>	<b>500</b>	<b>750</b>	<b>225</b>	<b>375</b>
<b>300</b>	<b>600</b>	<b>900</b>	<b>270</b>	<b>450</b>
<b>400</b>	<b>800</b>	<b>1,200</b>	<b>360</b>	<b>600</b>
<b>500</b>	<b>1,000</b>	<b>1,500</b>	<b>450</b>	<b>750</b>
<b>600</b>	<b>1,200</b>	<b>1,800</b>	<b>540</b>	<b>900</b>

## Service Test Pressure:

Annual hydrostatic test to be conducted by purchaser on all in-service (used) hose to determine suitability for continued use. The service test pressure is to be ten percent (10%) greater than the "normal highest operating pressure" at which the hose is expected to be used. This is the pressure stenciled on the hose.

## Proof / Acceptance Test Pressure:

The "one-time" test pressure, performed by the factory, on every new hose only prior to shipment. The proof test pressure shall not be less than two (2) times the specified service test pressure.

## Burst Test Pressure:

The minimum burst test pressure shall not be less than three (3) times the specified service test pressure.

## Operating/Working Pressure:

Maximum advised operating/working pressure should not exceed 90% of the service test pressure (which is stenciled on the hose) or the maximum operating pressure of the attached coupling.

## Kink Test Pressure:

The minimum kink test pressure shall not be less than one and one-half (1½) times the specified service test pressure.