CAPITAL RUBBER CORP

Hose assembly working pressure ratings are dependent on the coupling type, the installation method, and the application / operating conditions. A hose assembly should never be used at a pressure that is higher than its lowest rated component including the attachment method pressure rating.

It is imperative that all personnel involved in the purchase and use of a hose be notified that the working pressure rating marked on the hose may not apply to the specific assembly.

Contact Capital Rubber to determine the hose assembly working pressure rating or to design a hose assembly that is safe for a specific application. Refer to the below chart to see how elevated temperature can significantly decrease a hose assembly's pressure capability.

Capital Rubber can also supply flexible metal hose assemblies for high temperature applications

WORKING PRESSURE DE-RATING MULTIPLIERS FOR ELEVATED TEMPERATURE

MULTIPLY HOSE ASSEMBLY WORKING PRESSURE X BELOW MULTIPLIER

HOSE MATERIAL	70° F	90° F	150° F	200° F	250° F	300° F	350° F	400° F
PVC	1.00	0.82	0.30	-	-	-	-	-
RUBBER	1.00	0.91	0.64	0.42	0.20	-	-	-
STEAM HOSE*	1.00	0.95	0.81	0.68	0.56	0.44	0.32	0.20

STEAM HOSE & ALL COMPONENTS MUST BE APPROVED FOR STEAM SERVICE

ASSEMBLY TEMPERATURE INCLUDES INTERNAL TEMPERATURE & OPERATING CONDITIONS