



Glossary of Terms

G

Gripping Finger The part of the clamp that goes over and behind the stem collar to aid in clamp retention.

H

Hard Coat An anodizing process in which the surface hardness of aluminum becomes similar to or greater than that of case hardened steel.

I

Internal Expansion (IX) A plug (or bullet) is pulled through a stem or a set of blades (fingers) increase the stem I.D. to the plug O.D. or a predetermined setting when using expansion blades (fingers). This forces the stem serrations into the hose tube and the hose cover into the serrations of the ferrule.

J

JIC Joint Industrial Committee

JIC Thread Typically refers to the threads on hydraulic fittings having 37° conical sealing surfaces.

M

MSHA Mine Safety and Health Administration

N

Nipple The section of the fitting that is inserted into the hose. Also known as the shank of a coupling.

Nominal A dimensional value assigned for the purpose of convenient designation.

O

Operating Pressure The pressure at which system functions. Also known as Working Pressure.

P

PSI Pounds per square inch

PSIG Pounds per square inch gauge

Permanent Fitting The type of fitting which, after it is applied, cannot be removed for reuse.

Polymer A macromolecular material formed by the chemical combination of monomers having the same or different chemical composition.

Proof Pressure A specified pressure which exceeds the hose assemblies rated working pressure to indicate its reliability at normal working pressure. Follow R.M.A.'s testing guidelines for specific pressures and duration's for various types of hose.

PTFE Versatile polymer, polytetrafluoroethylene, commonly known as the DuPont brand name Teflon®

R

RMA Rubber Manufacturers Association

Reusable Fitting The type of fitting that is designed to be removed from a hose and recoupled on another hose.

S

SAE Society of Automotive Engineers

SAE Threads Similar to J.I.C. except 45° conical sealing surfaces.