

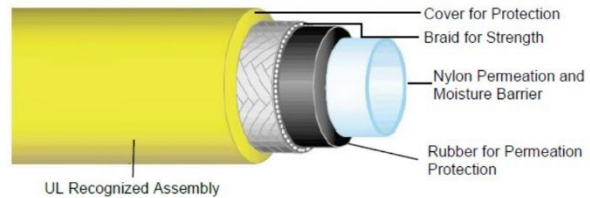
Toolbox Talk

Refrigerant Hoses



What?

- Refrigerant Hoses are used by our operatives to both charge and decant refrigerants into/from plant and equipment that we install and maintain
- It is important that hoses are suitable for the refrigerant and pressure at which they will be operated
- Hoses must be visually inspected prior to each use, even when brand new



Why?

- It is important to check that the hoses are free from damage and suitable for the task before each use
- This includes brand new hoses
- Defective or unsuitable hoses pose a risk of failure and could cause significant injury and damage
- Incidents have occurred where a new hose has been supplied and was found to be faulty causing a blow off during a decanting exercise
- Faulty refrigerant hoses can also cause refrigerant loss and must therefore be inspected before use and properly maintained

Do



- ✓ Inspect refrigerant hoses prior to use, including new hoses
- ✓ Store correctly to prevent damage
- ✓ Inspect when not under pressure
- ✓ Inspect tail ends connections are crimped securely, threads are free from damage and the hose is free from spanner damage
- ✓ When one of the following defects are observed the hose must be immediately replaced and removed from service:
 - Cuts or cracks in the wall, whereby the inlays are damaged or exposed wear on the outside wall so the inlays are visible
 - Blistering or the detachment of the outside wall
 - Shifted hose couplings or fastenings

Don't



- ✗ Use a higher operating pressures than advised
- ✗ Avoid pulling over or along sharp objects and scuffing over rough floors
- ✗ Use the wrong hose
- ✗ Avoid twisting the hose

