



1. APPLICATION

Manifold is a pipe or chamber branching into several openings. Here manifold is designed to transfer CO2 gas when the system is activated. Manifold connects to the CO2 cylinders by flexible hoses (AL.20.4000X).

Depends on the project, manifold may produce on any dimensions between DN20 and DN100.

It is designed to transfer CO2 gas when the system is activated.

Manifold produces by ALMAR with using Tig Welding. In TIG welding, a tungsten electrode heats the metal you are welding and gas (Argon) protects the weld puddle from airborne contaminants. TIG welding produces clean, precise welds on any metal.

All welding works are carried out by our class organization approved welders and the product is carefully packaged and shipped after the necessary pressure tests are applied.

Note: At the top of the manifold you can see ITB number that given by class organization, that number contains file number, date, class organization and test pressure.

2. INSTALLATION

For installations follow the drawings which given by ALMAR.

Manifold will reach you with, separated for safety with following equipments ;

- Safety valve, Pneumatic Cylinder,
- Pressure gauge

These equipments will fasten to the manifold as seen as project drawings. Before fasten Safety valve and pressure gage use TPFE-tape and fasten tight.

External flexible hose connections between CO2 cylinders and manifold should be made just before the ship's departure.

3. MAINTANANCE

All manifolds get test by ALMAR accompanied by Class organizations.

If you see any crush, wear (rusty, crack, e.g.) please contact to manufacturer..



Figure 1.1