



## Carbon Monoxide

Gas properties of CO can be found under the [Gas Properties](#) topic.

Carbon Monoxide presence in the gas stream will require a lubricated cylinder construction. Non-lubricated applications should be avoided. This is due to the increased risk of Carbon Dissociation. Carbon Dissociation may cause the formation of hard carbon deposits and CO<sub>2</sub>. This process can also result in carbon dust accumulating in the piping. This dust may be pyrophoric, combusting when coming in contact with air.

Discharge temperatures should be limited to 255° F (124° C).

When the combined content of carbon monoxide and hydrogen approaches 50%, PRC guidelines will govern the selection of equipment.

Ariel does not provide non-lubricated cylinder construction for carbon monoxide applications.