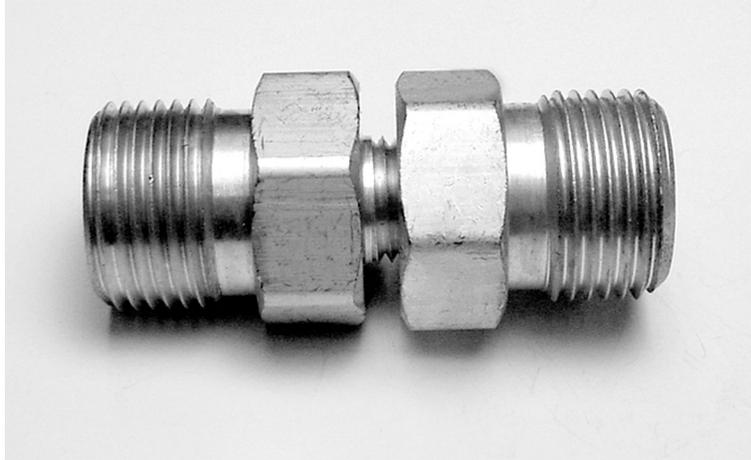


00GSE-1006-00 (TA-540-GA)

Gender changer CGA-540 male to CGA-540 male



The TA-540-GA is simply a CGA-540 to CGA-540 union. It is useful for connecting any of our transfilling devices to a CGA-540 extension line or any other adapter that accepts the typical CGA-540-N (nipple) fitting.

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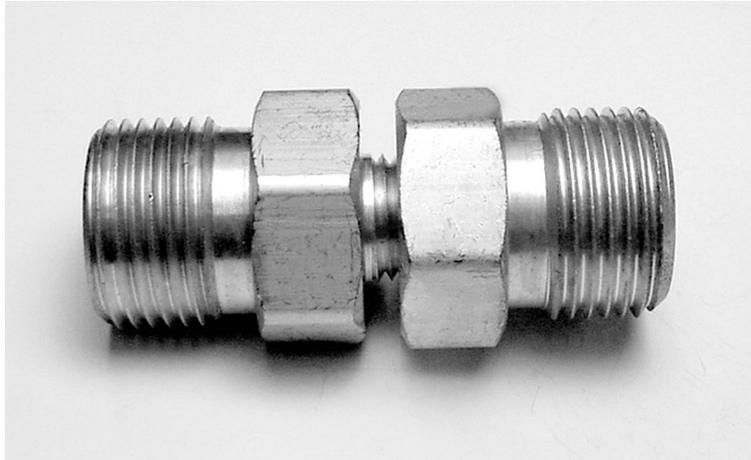


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51GSE-1006-00
01/27/2016

00GSE-1006-00 (TA-540-GA)

Gender changer CGA-540 male to CGA-540 male



The TA-540-GA is simply a CGA-540 to CGA-540 union. It is useful for connecting any of our transfilling devices to a CGA-540 extension line or any other adapter that accepts the typical CGA-540-N (nipple) fitting.

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Hazards of High Pressure Oxygen and Transfilling

Transfilling of gaseous oxygen from one cylinder to another involves hazards associated with the handling of oxygen under pressure. A hazardous condition does exist if high pressure oxygen equipment becomes contaminated with hydrocarbons such as oil, grease or other combustible materials which may include oil from a person's hands or contaminated tools.

A cylinder will heat as it is filled from a high pressure source. The more rapidly the cylinder is filled, the higher the temperature rise in the cylinder resulting from the heat of compression of the gas. Excessive temperature may result in the ignition of any combustible materials that may be present in the system. Refill the cylinder at a flow rate that reduces heating of the cylinder. Use only equipment designed for refilling and transfilling.

Although oxygen itself is nonflammable, materials which burn in air will burn much more vigorously and at higher temperatures in oxygen enriched atmosphere. If ignited, some combustible materials such as oil will burn in oxygen with explosive violence. Many other materials which do not burn in air will burn vigorously in oxygen-enriched atmospheres. Ignition temperatures are reduced in oxygen-enriched atmospheres. Compressed oxygen presents a hazard in the form of stored energy.

Open the cylinder valve slowly. The rapid release of high pressure oxygen through orifices, control valves, etc. in the presence of foreign particles can cause friction or impact resulting in temperatures which may be sufficient to ignite combustible materials present in the system..

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