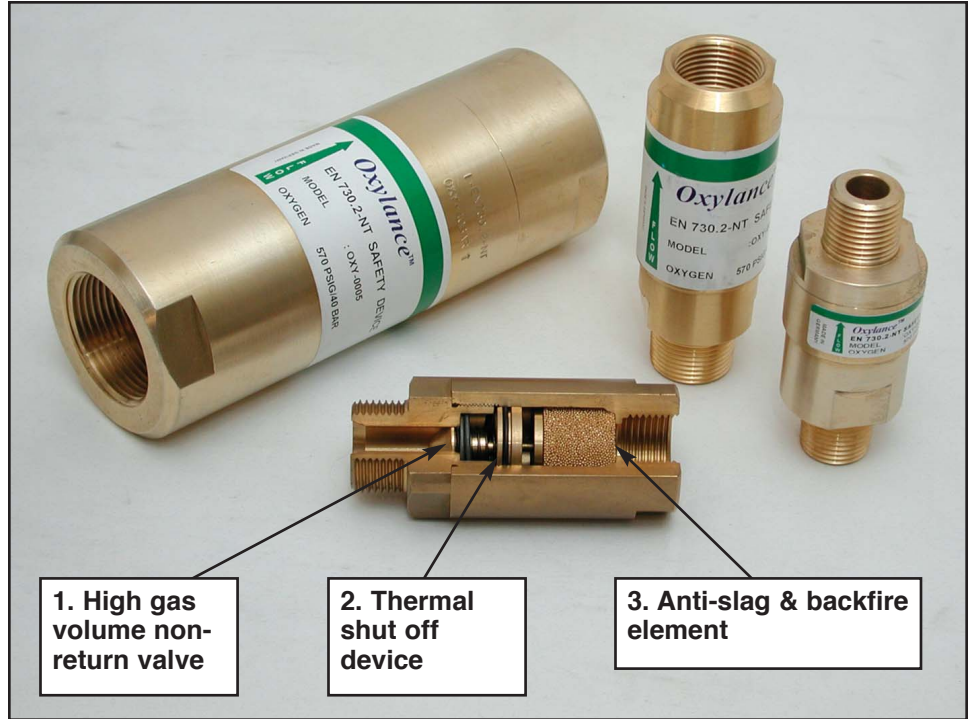


# OXYLANCE ANTI-SLAG/ANTI-BACKFIRE SAFETY DEVICES



The OxyLance anti-slag safety device performs **three important safety (3) functions** which help protect the user and the equipment. These functions are as follows:

1. **HIGH GAS VOLUME NON-RETURN VALVE:** The high gas volume non-return valve prevents the reverse flow of oxygen into the holder, hose, and gas supply.
2. **THERMAL SHUT OFF DEVICE:** The thermal shut off activates cutting off the oxygen flow instantly extinguishing the burning bar / oxygen lance pipe if the bar / pipe burns back into the holder, slag enters the holder, and / or heating of the holder to the point of damaging the holder or injuring the operator (i.e, 3 to 5 second internal heating to 160 C +/- 5 degrees).
3. **ANTI-SLAG & BACKFIRE BARRIER:** The combination anti-slag anti-back fire element provides several safety functions. The barrier prevents molten slag and backfires from igniting the holder and hose. In addition, the barrier helps activate the thermal shut off stopping the fire.

Part Number	Description
OXY0250	1/4" NPT
OXY0001	1/2" NPT
OXY0003	3/4" NPT
OXY0004	1" NPT
OXY0005	1-1/4" NPT

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