

	TECHNICAL DATA	OXEO PILOT HOSE
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Viking Special Hazards | Technical Services: 877-384-5464 | Email: techsvcs@vikingcorp.com | www.vikinggroupinc.com
 Visit the Viking website for the latest edition of the technical data and system manuals.

1. DESCRIPTION

Viking Oxexo Fire Extinguishing Systems use pilot hoses to connect the valve of the master extinguishing agent cylinder and the pneumatic release devices of other extinguishing agent cylinders; two (2) pneumatically actuated release devices; or the pneumatic release device (PAE) and the pneumatic pilot pipes of multi-zone systems. An adapter kit is needed to connect the pilot hose to the cylinders.

2. LISTINGS AND APPROVALS



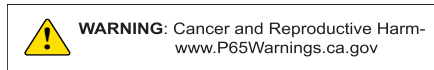
cULus Listed - EX5248 (Oxexo PR CF)



FM Approved: Oxexo PR CF



*Listed as a component of a OXEO PR CF Clean Agent Fire Extinguishing System



3. TECHNICAL DATA

Specifications

- Operating Medium: Argon (IG-01) and Nitrogen (IG-100)
- Nominal Diameter: 1/16" (DN4)
- Operating Temperature Range: -4 °F to 131 °F (-20 °C to 55 °C)
- Minimum Bend Radius: 2" (51 mm)
- Working Pressure: 5,439 psi (375 bar)
- Test Pressure: 8,166 psi (563 bar)
- Burst Pressure: 16,317 psi (1,125 bar)
- Ferrule: AOL Conical Nipple 24° with O-ring (DKOL)

Material Standards

- Rubber hydraulic hose with galvanized steel ends
- M12x1.5 Union (2)

Ordering Information: Refer to Table 1.

TABLE 1: PART NUMBERS			
Description Pilot Line Hoses		Part No.*	Weight lbs (kg)
OXEXO	20" (600 mm) long	24467	0.77 (0.35)
	39" (1,000 mm) long	24468	0.90 (0.41)
	59" (1,500 mm) long	24469	1.34 (0.61)
	Adapter kit, 20"	25132	n/a
	Adapter kit, 39"	25133	n/a
	Adapter kit, 59"	25134	n/a
	Bend Radius Tool	26408	n/a

*Interchangeable with part numbers 911008, 911024 and 911025 (Not for VdS / CE/ CNBOP)



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4. MAINTENANCE

Always check pilot hoses during routine maintenance for any residue and clean, if necessary. Only use clean pilot hoses in the system. Contaminated pilot hoses can cause the system to malfunction. This can cause severe injuries and significant material and system damage.

i *Due to material deterioration, the hose must be replaced every 10 years. See marking “date of manufacture” (month/year) on the hose.*

1. Check the hose visually for external damage, corrosion at the armatures, cracks in the plastic coating and fouling.
2. Remove fouling with a damp cloth.

i *Cleaning agents that attack plastics, rubber, or metals must not be used under any circumstances.*

3. In case of damage, corrosion or cracks replace the hose immediately.

i *A repair is **NOT** recommended.*

4. Check that the hexagonal cap nuts are tight and retighten by means of a suitable tool or spanner if necessary.
5. Check that the bending radius of the hose is greater than the minimum bending radius.
6. Check that the hose is fitted without torsion.

If the hose must be replaced, follow the steps below for disassembly:

1. Loosen one of the hexagonal cap nuts slightly by means of a suitable tool or spanner (turn counterclockwise).
⇒ If a hissing sound can be heard there is residual pressure in the hose.
2. Wait until the hose is depressurized.
3. Loosen the hexagonal cap nut completely and also the second hexagonal cap nut by means of a suitable tool or spanner (turn counterclockwise).