

SPECIFICATION IS09

for filter elements used with Oil/Ammonia-mixtures (NH₃)

Permanent working temperature 194°F / Maximum temperature 212°F

Sheet No.
31604-4F

1. Filter element

Adhesive: Article No. 325315
Sealing Gaskets: Neoprene (CR); WS 13.097
HNBR; WS 20.357
Filter material: VG, G
Bellow: Support fleece PS 315 (see configuration specification below)
Metal parts: Steel, zincd

Filter configuration:

A: VG-Filter elements

1. Outer protection pipe, steel, zincd
2. Protective wire frame, steel wire, zincd
3. Protective fleece PS 315
4. Fiberglas pre-filtration fleece
5. Fiberglas main-filtration fleece
6. Support fleece PS 315
7. Supporting wire frame, steel wire, zincd
8. Inner support pipe, steel, zincd

B: G-Filter elements

1. Filtration fabric, stainless steel
2. Supporting wire frame, steel wire, zincd
3. Inner support pipe, steel, zincd

Notice

All butt seam conglutinations are coated by sheet metal bars.

VG type elements are generally equipped with an outer protection cylinder. G type elements are generally manufactured without outer protection cylinder.

Caution!

This specification IS09 is intended only for oil/ammonia-mixtures with a maximum gas portion of 10%. This specification is not applicable for 100% ammonia atmospheres as well as watery ammonia. Elements based on this specification can be used for other oil-refrigerating agent mixtures with a maximum gas level of 30%.