

Technical tips – Filter Gaskets

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Cartridge filters come in different shapes and sizes and are important in the cleaning of both garments and solvent. The filter paper catches the insoluble soils, the carbon catches dyes and the clay (absorptive material) catches NVR or Non-Volatile Residue. No matter what size or type cartridge is used the proper installation of cartridges is very important to ensure proper performance. This is where **GASKETS** come in. Also called felt spacers or felt seals, they are installed with the cartridges to prevent unfiltered solvent from flowing or leaking around the filters. With use, gaskets can compress, breaking the seal and allowing solvent to by-pass the filters. As we know, unfiltered solvent flowing back to the wheel can carry soils that can damage garments. Let's look at some of the effects this can cause!

- Excessive insoluble soils in solvent.
 - Can cause greying of light colored garments which is irreversible.
- Excessive NVR and dye in solvent.
 - Can cause streaks and swales.
 - Can cause odors.

Excessive low filter pressure can be a sign of missing or worn gaskets. Some gaskets are packaged with filters and some have to be purchased, but the cost of replacing the gaskets when we change our filters is minimal compared to the damage that can be caused to garments and reputations. Damage in any form means lost dollars, so when taking time out to change filters make sure the gaskets get changed also.



Examples of gaskets that have to be ordered:

NP-8 = PN# 4743

DS-142 = PN# 4652

VF-40 = PN# 4746

CS-80 = PN# 4650

Example diagram of Gasket installation