

“SOCK” SERIES

The **JONELL** “Sock” Series are rolled type filter elements manufactured using specific blends of media designed for a range of applications in the oil and gas industry. Our custom design insures the compatibility as well as the efficiency of each Jonell element. The filter mat produced by the exclusive Jonell process provides a uniform gradient density filter media designed for long life and high particulate retention. The filter media is placed around a spiral locked metal core that provides superior support to resist high differential pressures without collapse. Jonell sock elements also provides for a gradual and predictable differential pressure increase without channeling or bypassing.

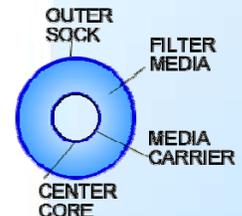
The **JONELL** “Sock” series is one of the oldest, most economical, and most trusted filtration technologies in the oil and gas industry today. Jonell sock elements are among the most robust designs available and like most Jonell products, offer various options in design and material availabilities to assure your application receives the ideal solution required to achieve your desired result.



Rolled Sock Type Filter Cartridges

CONSTRUCTION

- CENTER CORE : Tinned Carbon Steel - Spiral locked with integral spring
- MEDIA CARRIERS : Cerex - Remay - Cheese Cloth
- MEDIA AVAILABLE: Jonell Blend - White Cotton - Polypropylene - Cotton Slasher - Excelsior - Various proprietary blends
- OUTER SOCK : Cotton - Orlon - Polypropylene
- END SEALS: To prevent bypass this element can be provided with a metal plug



MEDIAS AVAILABLE

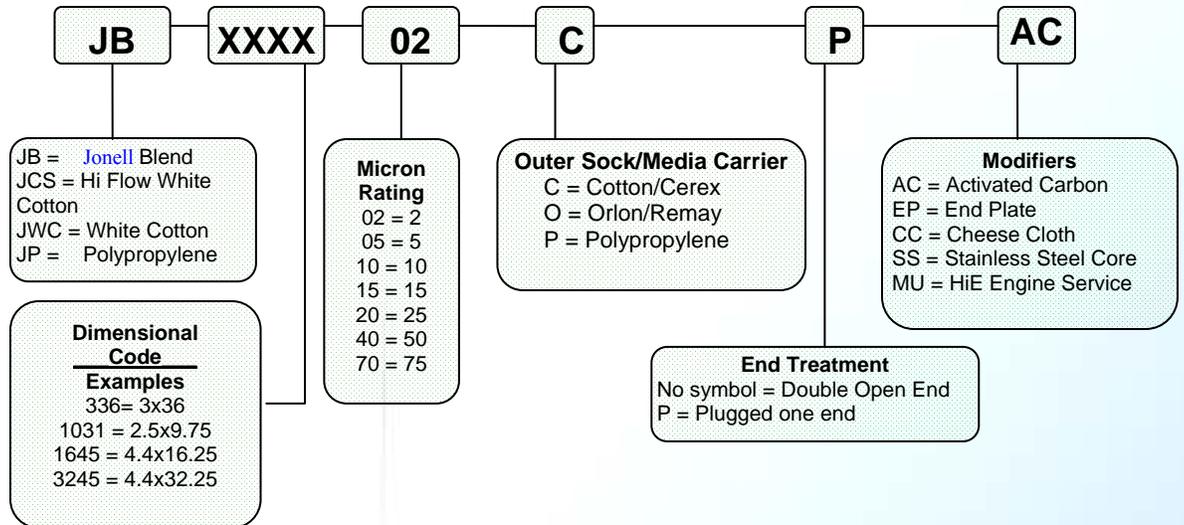
JB media (Jonell Blend) is designed to economically filter lubricating oils in compressors and other rotating equipment, giving long life and resistance to degradation by naturally occurring acids generated during operation. The composition is 60% cotton and 40% polyester with efficiencies ranging from 2 microns up to 125 microns.

JP media is 100% polypropylene and commonly used in water applications at temperatures below 160°F where organic medias could fail due to bacterial attack or compatibility issues.

JCS media is a specific blend of media, known as cotton slasher, designed for use in contact solvents, that have the tendency to foam such as amine or glycol. This custom design insures operation without creating any foaming due to trapped air within the element. The element is also completely compatible with no tendency to degrade. The filter mat produced by the exclusive Jonell process gives a uniform gradient density to the filter media that provides long life and high particulate retention capacity. The filter element produced in this process provides true depth filtration. It also provides for a gradual differential pressure increase during the life of the element.

JWC media is designed to filter gas processing solvents without increasing foaming potential. This character is accomplished by utilizing, as the main media, virgin, natural cotton that has had all oils and naturally occurring surfactants extracted, in lieu of synthetic fibers which might contain residual surfactants that could be released into a process fluid. These elements can be furnished in efficiencies ranging from 2 microns up to 125 microns. While highly recommended that these solvents be filtered to at least 5 microns, it may be necessary to initially use less efficient elements when cleaning-up a extremely dirty system.

NOMENCLATURE



SUGGESTED OPERATING LIMITS

Media	Temperature	pH	Clean DP	Final DP
JB	300° F	5-10	2 psid	20 psid
JP	160° F	1-12	2 psid	20 psid
JCS	300° F	5-10	2 psid	20 psid
JWC	300° F	5-10	2 psid	20 psid

SPECIAL NOTE ► ENGINE OIL FILTRATION

Replacements for a variety of engine manufacturers are available. All utilize the preferred JB media to resist the products of combustion which can attack and degrade other medias. Three grades of media are created by augmenting the blend with excelsior fiber to modify the micron rating. Elements designated "H" blend are for use in systems having a relatively low rates of flow and afford superior oil filtration. Elements designated "KM" blend are direct replacements for the original equipment and are the mid range in efficiency. The "MU" blend is for extreme conditions such as an abnormally cold start-up and/or high rate of flow. This is the most open media with the resulting lowest efficiency. Engine manufacturer's recommended efficiencies should always be considered when contemplating a change in efficiency to address on-site conditions. As always, when in doubt, consult Jonell or an authorized Jonell representative.

JONELL, INC.

900 Industrial Pkwy
 P.O. Box 1092
 Breckenridge Tx, 76424
 Telephone: 254-559-7591
 Fax: 254-559-9863
 Email: sales@jonellinc.com

“SOCK” SERIES