

# Coralon Filters

**NEW: Coralon™ X321 Filter Elements**  
Upgrade filter elements for Ultipor® filters

## Keeping fluids cleaner, longer, for greater value

**Coralon X321 elements are designed specifically for lube systems subject to water ingress, gels, and precipitates**

### Extending the Coralon Filter Range

While standard Coralon filter elements have proven to provide unsurpassed performance and value in hydraulic systems and most lube applications, Pall's new Coralon X321 elements expand the Coralon range by delivering long service life and Beta > 1000 protection in challenging lube applications.

Coralon X321 lube elements combine high performance filter media with a new pack construction specifically developed to meet the application requirements of lube systems susceptible to water ingress, gels, and precipitates

### Features

- Betax<sub>(c)</sub> > 1000 removal efficiency
- Low clean pressure drop
- Long service life
- Wide fluid and temperature compatibility

### Design

New Coralon X321 elements were created to address the unique application challenges (water ingress, gels, precipitates, etc.) found in some lube systems.

A new, application-specific pack construction combines a high-weight filter medium and advanced drainage materials to achieve long service life while delivering Beta > 1000 particle control.

Coralon X321 elements are a direct replacement for Ultipor III or Coralon elements – no adapters or housing modifications are required.

### Wide Range of Element Series

Coralon X321 filters are available in the element sizes most commonly associated with the target applications.

HC0101 Series	HC2019 Series
HC2119 Series	HC2296 Series
HC2618 Series	HC8300 Series
HC8304 Series	HC8310 Series
HC8314 Series	HC8900 Series
HC8904 Series	

See page 2 for full listing of available options

*Filtration. Separation. Solution.<sup>SM</sup>*



Coralon X321 Filter Elements

### Specifications

Element Collapse Pressure Rating: 10 bard (150 psid) minimum for Coreless Ultipor filter elements (polymer end caps) and for use in filters with bypass  
20 bard (300 psid) minimum for Ultipor filter elements (metal end caps and core) and for use in filters with bypass

Temperature Range: Fluorocarbon: -29°C (-20°F) to +120°C (+250°F)  
Nitrile: -43°C (-45°F) to +120°C (+250°F)

**Note :** Maximum 60°C (140°F) in water based fluids

Seals: Fluorocarbon or nitrile

Fluid Compatibility: Compatible with petroleum oils, water glycols, water-oil emulsions, and high water containing fluids.

Filter Construction: Cored filter elements - Corrosion protected end caps and core  
Coreless filter elements - Polymer end caps only

Filter Element medium: Inorganic fibers impregnated and bonded with epoxy resins.

All Coralon filter elements are manufactured by Pall to exacting procedures and strict quality controls. See M&ECOREN for ISO test protocols.

<b>Coralon X321</b>	<b>Rating <math>\mu\text{m}</math> Bx(c)&gt;1000*</b>
HC0101FCN18HX321	7
HC0101FCN18ZX321	7
HC0101FCN36HX321	7
HC0101FCN36ZX321	7
HC0101FCP18HX321	5
HC0101FCP36HX321	5
HC0101FCS18HX321	12
HC0101FCS36HX321	12
HC0101FCT18HX321	25
HC0101FCT36HX321	25
HC2019FCN39HX321	7
HC2019FCN39ZX321	7
HC2019FCP39HX321	5
HC2019FCP39ZX321	5
HC2019FCS39HX321	12
HC2019FCS39ZX321	12
HC2019FCT39HX321	25
HC2019FCT39ZX321	25
HC2119FCN39ZX321	7
HC2119FCP39ZX321	5
HC2119FCS39ZX321	12
HC2296FCN36HX321	7
HC2296FCN36H100X321	7
HC2296FCN36H50X321	7
HC2296FCN36H82X321	7
HC2296FCN36Z50X321	7
HC2296FCP36HX321	5
HC2296FCP36H100X321	5
HC2296FCP36H50X321	5
HC2296FCP36H82X321	5
HC2296FCP36HYT44X321	5
HC2296FCS36HX321	12
HC2296FCS36H50X321	12
HC2296FCS36H82X321	12
HC2296FCT36HX321	25
HC2296FCT36H50X321	25
HC2296FCT36Z50X321	25
HC2618FCN18HX321	7
HC2618FCN18ZX321	7
HC2618FCN36HX321	7
HC2618FCP18HX321	5
HC2618FCP18ZX321	5
HC2618FCP36HX321	5
HC2618FCP36ZX321	5
HC2618FCS18HX321	12
HC2618FCS18ZX321	12
HC2618FCS36HX321	12
HC2618FCT18HX321	25
HC2618FCT18ZX321	25
HC2618FCT36HX321	25
HC8300FCN16HX321	7
HC8300FCN16ZX321	7
HC8300FCN30ZX321	7

<b>Coralon X321</b>	<b>Rating <math>\mu\text{m}</math> Bx(c)&gt;1000*</b>
HC8300FCN38HX321	7
HC8300FCN39HX321	7
HC8300FCN39ZX321	7
HC8300FCN8ZX321	7
HC8300FCP16HX321	5
HC8300FCP16ZX321	5
HC8300FCP39HX321	5
HC8300FCP39ZX321	5
HC8300FCP8ZX321	5
HC8300FCS16HX321	12
HC8300FCS16ZX321	12
HC8300FCS26HX321	12
HC8300FCS26ZX321	12
HC8300FCS30ZX321	12
HC8300FCS39HX321	12
HC8300FCS39ZX321	12
HC8300FCS8ZX321	12
HC8300FCT16HX321	25
HC8300FCT16ZX321	25
HC8300FCT39HX321	25
HC8300FCT39ZX321	25
HC8304FCN13HX321	7
HC8304FCN16HX321	7
HC8304FCN16ZX321	7
HC8304FCN20HX321	7
HC8304FCN39HX321	7
HC8304FCN39ZX321	7
HC8304FCP16HX321	5
HC8304FCP16ZX321	5
HC8304FCP20HX321	5
HC8304FCP20ZX321	5
HC8304FCP39HX321	5
HC8304FCP39ZX321	5
HC8304FCS16HX321	12
HC8304FCS16ZX321	12
HC8304FCS20HX321	12
HC8304FCS20ZX321	12
HC8304FCS39HX321	12
HC8304FCS39ZX321	12
HC8304FCT16HX321	25
HC8304FCT39HX321	25
HC8304FCT39ZX321	25
HC8310FCN13HX321	7
HC8310FCN16HX321	7
HC8310FCN16ZX321	7
HC8310FCN26HX321	7
HC8310FCN39HX321	7
HC8310FCN39ZX321	7
HC8310FCP13HX321	5
HC8310FCP16HX321	5
HC8310FCP16ZX321	5
HC8310FCP26HX321	5

<b>Coralon X321</b>	<b>Rating <math>\mu\text{m}</math> Bx(c)&gt;1000*</b>
HC8310FCP39HX321	5
HC8310FCS39ZX321	5
HC8310FCS16HX321	12
HC8310FCS16ZX321	12
HC8310FCS26HX321	12
HC8310FCS39HX321	12
HC8310FCS39ZX321	12
HC8310FCT16HX321	25
HC8310FCT39HX321	25
HC8310FCT39ZX321	25
HC8314FCN13HX321	7
HC8314FCN16HX321	7
HC8314FCN16ZX321	7
HC8314FCN26HX321	7
HC8314FCN39HX321	7
HC8314FCN39ZX321	7
HC8314FCP13HX321	5
HC8314FCP16HX321	5
HC8314FCP16JX321	5
HC8314FCP16ZX321	5
HC8314FCP26HX321	5
HC8314FCP39HX321	5
HC8314FCP39ZX321	5
HC8314FCS16HX321	12
HC8314FCS16ZX321	12
HC8314FCS26HX321	12
HC8314FCS39HX321	12
HC8314FCS39ZX321	12
HC8314FCT16HX321	25
HC8314FCT39HX321	25
HC8314FCT39ZX321	25
HC8900FCN26HX321	7
HC8900FCN39HX321	7
HC8900FCN39ZX321	7
HC8900FCP26HX321	5
HC8900FCP39HX321	5
HC8900FCS26HX321	12
HC8900FCS39HX321	12
HC8900FCS39ZX321	12
HC8900FCT26HX321	25
HC8900FCT39HX321	25
HC8904FCN26HX321	7
HC8904FCN39HX321	7
HC8904FCP26HX321	5
HC8904FCP39HX321	5
HC8904FCS26HX321	12
HC8904FCS39HX321	12
HC8904FCS39ZX321	12
HC8904FCT26HX321	25
HC8904FCT39HX321	25
HC8904FCT39ZX321	25



25 Harbor Park Drive  
Port Washington NY 11050  
+1 516 484 3600 telephone  
+1 800 289 7255 toll free US

Portsmouth - UK  
+44 (0)23 9233 8000 telephone  
+44 (0)23 9233 8811 fax  
industrialeu@pall.com


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