



## Silicone Dust Caps



### Application of Silicone Dust Caps in 'Powder Containment'

Powder containment is a major issue in the process industries, the **Uni-Cap** has been designed to help manufacturers comply with the stringent standards required.

{xtypo\_info}The **Uni-Cap** is hygienically moulded in one piece from FDA compliant pure silicone rubber, offering a durable easy-clean solution to containment of powder during transfer.{/xtypo\_info}

The **Uni-Cap**, Dust Cap Seal has a high-quality finish and is ideal for use where a fast temporary dust-proof connection is required for powder transfer.

Standard material is translucent silicone, but special colours can be supplied subject to quantity and colour request. A corresponding range of stainless steel support rings is also available, manufactured from 316L stainless steel; various surface finishes can be provided.

#### {jkefel title=[**Profile**]}

Manufactured using FDA compliant silicone, The **Uni-Cap**, Dust Cap Seal, is ideal for use in pharmaceutical, chemical and cosmetic or food applications.

The dust caps help to contain powder and create a safer working environment, ensuring operators are fully protected during the transfer stage of powder processing.

{xtypo\_quote}By integrating the cap itself with stainless steel support rings, the **Uni-Cap** system

provides a very simple and cost effective way of creating a 'closed-system'. Whereas some types of round profile flange rings supplied with conventional dust caps have an unhygienic rolled lip, the

### **Uni-Cap**

is designed to fit standard Tri-Clover ferrules, which eliminates this problem.

In addition, the hygienic one-piece moulding can be easily cut for spigot connections.

After transfer of materials, the Tri-Cover entry can be capped with a standard stainless steel 'blank-cap' or re-connected for further processing operations.

The **Uni-Cap** is fully washable and can withstand temperatures of up to 200C making it suitable for hand-washing, washing machine or autoclave.

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{jkefel title=[**Features**]}

- Dust tight connection
- FDA compliant silicone
- Excellent GMP design
- Durable and easy-clean
- No tools required
- Hygienic stainless steel support rings
- Fast and reliable assembly

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{jkefel title=[**Technical Specifications**]}

- Dust Cap Material of Construction:** FDA compliant silicone (FDA CFR 177.2600)
- Support Ring Material of Construction:** 316L stainless steel

### **Caps**

<b>Nominal Diameter</b>
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<b>Maximum Inlet Spigot Dia.</b>
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Height

Part No.

60 mm

50 mm

33 mm

736564

200 mm

150 mm

40 mm

736570

250 mm

## Silicone Dust Caps

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200 mm

36 mm

736565

315 mm

265 mm

32 mm

736567

400 mm

350 mm

32 mm

736572

## Support Rings

<b>Nominal Diameter</b>
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<b>Maximum Inlet Spigot Dia.</b>
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<b>Height</b>
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<b>Part No.</b>
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57mm
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50 mm
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50 mm
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735688
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200 mm
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204 mm
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50 mm

735689

246 mm

250 mm

50 mm

735690

314 mm

318 mm

50 mm

735691

400 mm

404 mm

50 mm

735692

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{jkefel title=[**Typical Applications**]}

- Dust free transfer from IBC to IBC
- Milling into an IBC
- Vacuum conveying into an IBC
- Used on underside of IBC outlet valves during transportation to contain powders

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{jkefel title=[**Gallery**]}

{gallery}unicap{/gallery}

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### Download Brochure:

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[Silicone Dust Caps \(Uni-Cap\)](#) {/xtypo\_download}



