



Silicone Dust Caps & Connector Sleeves

Flexible silicone accessories providing quick and cost-effective containment or transfer of powders; designed for sanitary applications in the pharmaceutical food and related industries.



Silicone Dust Caps

Technical Overview

The Hanningfield Uni-Cap is a flexible silicone rubber seal which provides a cost-effective method for the dust-tight transfer or containment of powders.

Compatible with our range of stainless steel mounting rings, the Uni-Cap is easily fitted or retrofitted to any process.

The Uni-Cap+ is a superior range of fully transparent silicone dust caps offering excellent process visibility. Made from platinum cured silicone, the Uni-Cap+ is classified as USP Class VI, TSE/BSE free, ADI free and phthalates free.

Product Images



Data Table

	Size	Diameter		Height	Wall Thickness	Material Hardness	Part Number	Specification
		mm	In					
Uni-Cap	2.5"	60	2.5	33	8	60	HPN005302	Material > Silicone Compliance > FDA 21 CFR 117.2600 Features > Translucent
	5"	127	5	35	10	60	HPN005304	
	8"	200	8	40	10	60	HPN005306	
	10"	250	10	36	10	60	HPN005311	
	12"	315	12	32	9.5	60	HPN005314	
	16"	400	16	32	9.5	60	HPN005317	
Uni-Cap+	6 T/C	152.4	6	32	12	70, A	HPN026941	Material > Silicone (Platinum Cured) Compliance > FDA 21 CFR 117.2600 > USP Class VI Features > Translucent > Optional Batch ID
	8 T/C	203.2	8	32	10	70, A	HPN030172	
	305mm	305	12	32	11	70, A	HPN025132	
	460mm	460	18.1	32	10.5	70, A	HPN025126	



Silicone Connector Sleeves

Technical Overview

The Hanningfield Uni-Connect range of silicone compensator sleeves are designed to provide quick and hygienic connection for dust tight powder transfer between interfaces, which can easily compensate for misalignment between process machines.

Available in 2", 4", 6", 8", 10" and 12", the Uni-Connect is designed to be compatible with a standard Tri-Clover profile.

Product Images



Data Table

Criteria	Unit	2"	4"	6"	8"	10"	12"
Diameter	in	2"	4"	6"	8"	10"	12"
Length	mm	40mm	40mm	50mm	50mm	60mm	70mm
Wall Thickness	mm	1.6mm	2.4mm	2.0mm	2.0mm	2.0mm	2.0mm
Material Hardness	shore	70	70	70	70	70	70
Max Pressure	barg	4.0	2.5	2.5	1.0	1.0	1.0
	psi	58	3.6	3.6	14.5	14.5	14.5
Min. Operating Temperature	°C	-20°C					
	°F	-50°F					
Max. Operating Temperature	°C	+140°C					
	°F	+289°F					
Part Number		HPN017208	HPN007324	HPN007323	HPN007321	HPN007327	HPN007325
Standard Material	Translucent Silicone (FDA CFR 177.2600)						



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