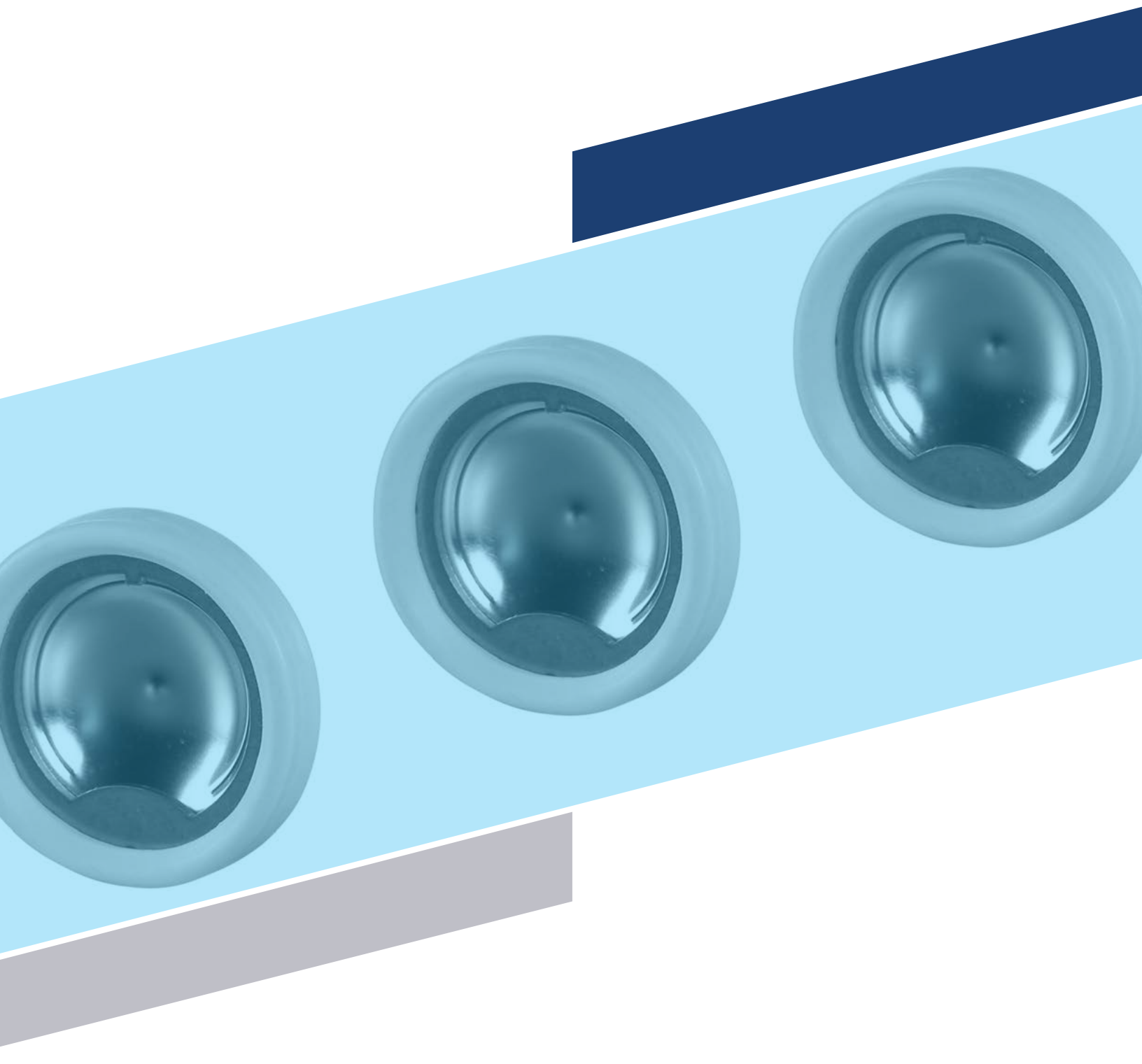




Continental Disc[®]
Corporation

3/4" SANITRX HPX[®]



3/4" SANITRX HPX®

The CDC 3/4" SANITRX HPX® Rupture Disc is a semicircular scored reverse acting rupture disc designed specifically for applications in the pharmaceutical, food & beverage and biotech industries. This rupture disc is available to fit between standard sanitary ferrules. The 3/4" SANITRX HPX rupture disc is shipped in sanitary, environmentally friendly, non-toxic packaging.

Technical Details

- Burst Pressure Range: 40 psig – 500 psig (2,76 barg – 34,5 barg)
- Maximum Recommended Operating Ratio: 90 of the rupture disc's rated (stamped) burst pressure
- Service: Liquid or Gas/Vapor
- Meets ASME BPE and USP class VI criteria including:
 - SF1 surface finish (20 Ra microinch or better)
 - Solid metal construction provides cleanability for CIP/SIP applications
 - Fully traceable materials including USP Class VI certified gaskets
 - All components are free of polishing compounds, release agents and animal derivatives
- ASME Code Section VIII, Division 1 compliant. National Board Certified KR flow resistance values: KRG (gas) = 1.13 and KRL (liquid) = 1.60

Features

- Extreme cycling durability
- Precision scoring on the vent side of the rupture disc dome assures optimum cleanability and improves rupture disc performance
- Rupture disc can be operated to full vacuum



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Burst Pressures

Size In (mm)	316 SS / 316L SS		Alloy C-276		Nickel	
3/4" (19mm)	Minimum psig (barg)	Maximum psig (barg)	Minimum psig (barg)	Maximum psig (barg)	Minimum psig (barg)	Maximum psig (barg)
	50 (3,45)	500 (34,5)	50 (3,45)	500 (34,5)	40 (2,76)	500 (34,5)

Minimum and Maximum pressures are based upon the corresponding minimum and maximum of the manufacturing range at 72°F (22°C).

Gasket Materials & Temperatures

FDA and USP Class VI Compliant Gasket Materials	Service Temperatures	
	Minimum °F (°C)	Maximum °F (°C)
Peroxide Cured Silicone	-80 (-62)	450 (232)
Platinum Cured Silicone	-80 (-62)	350 (177)
White VITON®	-20 (-29)	400 (204)
Black VITON®	-20 (-29)	400 (204)
White EPDM	-55 (-48)	275 (135)
Black EPDM	-55 (-48)	300 (149)

Other materials available upon request



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