

## \_ Weighing separation with Tri-Clamp flange



Weighing separation with Tri-Clamp flange as per DIN 32676 is highly flexible and has been specially developed for accurate weighing applications and decoupling of other sensitive measurement systems. This component is available in various dimensions, lengths and materials, depending upon the application. The anti-twist protection integrated in the Tri-Clamp flange prevents malfunctions and improper installation, and ensures a clean, sealed and sterile connection.

### **Your benefits**

- \_ Can be used for a wide range of application
- \_ Tight against powder and liquid
- \_ Simple and safe to use
- \_ Easy to install and remove
- \_ Seamless connection in the product flow
- \_ Fully integrated sealing gasket
- \_ Vibrations and other process influences will be absorbed

**\_Technical data**

Size	H* [mm]	S** [mm]	Anti-twist protection	Liner Material	Connection flange [Tri-Clamp DIN 32676]	ATEX
<b>Silicone transparent – FDA</b>						
DN 100	80	0.5–0.6	No	> Silicone transparent > FDA conform (CFR 21 § 177.2600)	> POM-C white	Inside: 20, 21, 22
DN 150	80		Yes			Outside: 21, 22 and/or 1 (IIA, IIB), 2 (IIA, IIB, IIC)
DN 200	100		Yes			
DN 250	140		No			
<b>EPDM black, electrically conductive – Non-FDA</b>						
DN 200	135	0,3	Yes	> EPDM black > Electrically conductive <math><10^6 \Omega</math>	> PE-UHMW black > Electrically conductive <math><10^6 \Omega</math>	Inside: 20, 21, 22 and/or 1, 2 (IIA, IIB, IIC)  Outside: 21, 22 and/or 1, 2 (IIA, IIB, IIC)
<b>Silicone transparent with deflector – FDA</b>						
DN 150	80	0.5–0.6	Yes	> Silicone transparent > FDA conform (CFR 21 § 177.2600) > Deflector AISI 316L	> POM-C white	Inside: 20, 21, 22 and/or 2 (IIA, IIB, IIC)
DN 200	100		Yes			Outside: 21, 22 and/or 1 (IIA, IIB), 2 (IIA, IIB, IIC)

Other dimensions, materials and ATEX zones available upon request  
 Short-time maximum allowable overpressure: 30–50 mbar (depending upon size and material)  
 \* Installation height / \*\* Wall thickness

**Silicone transparent**



**EPDM black**



**Silicone transparent with deflector**

