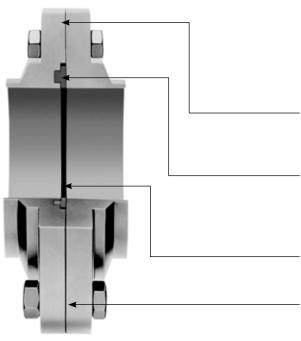




FGN 1 Flange

The APV FGN 1 flange connections are superior to DIN unions and are an essential component of process engineering plants, where proper cleaning and bacteriological safefy are imperative. Special seals of extremely exact tolerances eliminate leakages and mechanical strain normally arising with DIN unions does not cause any wear to the elastomer. To meet every re-

quirement, different elastomers are available. See table.





The metallic stop prevents the connection from being overtightened and eliminates a mechanical load on this seal, thus seal life is extended considerably.

With this special seal you do not have to consider the usual tolerances of commercial seals. The expansion chamber prevents the seal from penetrating into the product space in case of heat expansion.

The **FGN 1** flange connection guarantees an absolutely safe clean due to smooth, crevice free connection.

Due to the flush fitting of the flanges, assembly and subsequent disassembly is eased.

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Sizes	DN25 - DN250 / ISO 1" - 4"	
Stainless steel material	1.4404 / AISI 316L	1.4301 / AISI 304
Max. Temperature	EPDM / HNBR 135°C (short time 140°C) VMQ 135°C - not to be used for hot water FPM 135°C - not to be used for steam	
Pressure range	DN25 - 50: 40 bar	DN65 - 250: 25 bar
Certificate	3.1.B	

APV, An SPX Brand, Fluid Handling, Zechenstrasse 49, D-59425 Unna Phone: +49(0) 23 03/108-0 Fax: +49(0) 23 03/108-210

For more information about our worldwide locations, approvals, certifications, and local representatives, please visit www.apv.com.

SPX Corporation reserves the right to incorporate our latest design and material changes without notice or obligation. Design features, materials of construction and dimensional data, as described in this bulletin, are provided for your information only and should not be relied upon unless confirmed in writing.

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