

TEGUFLEX® W WHITE



PROCESSING EQUIPMENT

EXPANSION JOINT MOULDED



APPLICATIONS

Food and beverages, including fats and oils.

ADVANTAGES

Compensate thermal elongation
Isolate vibrations and absorb pressure surges
Correct misalignments

FLANGES

Turnable flanges in zinc plated carbon steel S235JR/S275/JR
Other material: stainless steel 316, hot-dip galvanized, EPOXY painting, etc
EN 1092 PN6/10/16 - ASME B16.5 150lbs. Other types on request

COMPLEMENTARY INFORMATION

Inner liner PTFE, vacuum ring (316Ti/316L), flameguards, PTFE safety shields on request

In accordance with FDA for food use, EC 1935/2004 and EC 2023/2006 PED (2014/68/EU)

TECHNICAL DESCRIPTION

Inner tube: White, food grade (FDA) NBR

Reinforcement: Nylon cord

Cover: Black, smooth, oil and weather resistant Epichlorhydrin (ECO)

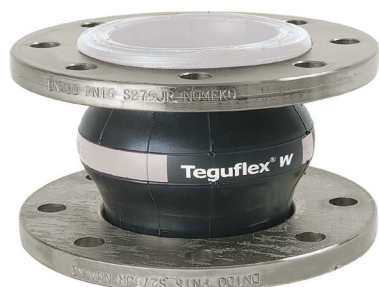
Working temperature: -25°C => 90°C.

Max 90°C at max WP 10 bar (≤ DN300) / 8 bar (> DN300) // Max 70°C at max WP 16 bar (≤ DN300) / 10 bar (> DN300)

STANDARD/APPROVAL

FDA

FDA



LABELING

CE 0056 TEGUFLEX W TRELLEBORG
MOD: H

TRELLEBORG IZARRA IZARRA-ALAVA-SPAIN Batch number - Working pressure - Testing pressure - T
MAX/MIN - DN - Month/Year

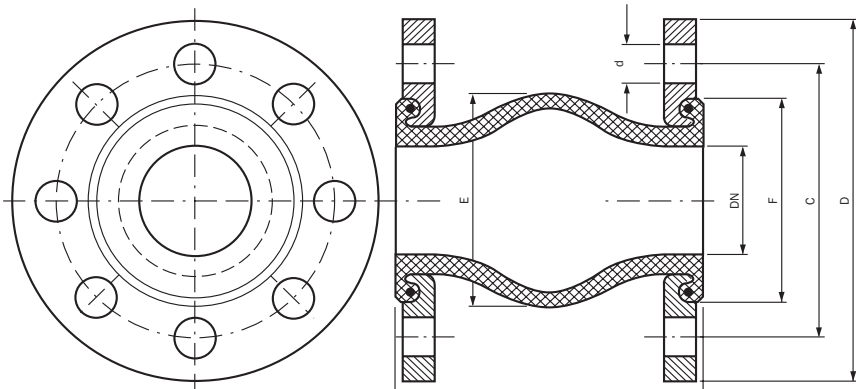
TEGUFLEX® W WHITE

DIMENSIONS & MOVEMENTS

DN	BL	Eff. cross-sectional area Q	(E)	(F)	Permissible movements				Max. vacuum		Weight		Spring rates		
					Com-pression	Elonga-tion	Lateral	Angular	Without support ring	With support ring	With flanges	With tie-rod flanges	Com-pression stiffness	Elong-ation stiffness	Lateral stiffness
mm	mm	cm ²	mm	mm	mm	mm	mm	°	bar	bar	kg	kg	kg/cm	kg/cm	kg/cm
25/32	150	24	77	72	30	20	20	35°	0.8	1.0	3	4	50	75	50
40	150	45	85	80	30	20	20	35°	0.8	1.0	3	5	50	75	50
50	150	46	95	90	30	20	20	35°	0.8	1.0	4	6	50	75	50
65	150	82	110	105	30	20	20	30°	0.8	1.0	5	7	50	75	50
80	150	110	125	120	30	20	20	30°	0.5	1.0	6	8	50	75	60
100	150	163	145	140	30	20	20	25°	0.5	1.0	7	10	65	85	65
125	150	228	170	165	30	20	20	15°	0.5	1.0	8	12	65	85	65
150	150	321	195	190	30	20	20	15°	0.5	1.0	10	16	75	100	75
200	200	549	240	240	30	20	20	15°	0.3	1.0	15	24	100	150	100
250	200	766	295	290	30	20	20	10°	0.3	1.0	20	34	100	150	100
300	200	975	345	340	30	20	20	10°	0.3	1.0	24	45	100	150	100
350	200	1290	430	425	30	20	20	10°	0.3	1.0	32	54	100	150	100
400	200	1628	475	470	30	20	20	10°	0.3	1.0	45	71	100	150	100
450	200	2054	532	510	30	20	20	10°	0.3	1.0	52	81	150	200	150
500	200	2546	590	560	30	20	20	10°	0.3	1.0	63	100	150	200	150
600	200	3466	685	655	30	20	20	6°	0.3	1.0	95	140	175	250	175

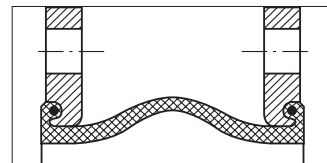
Note: Maximum values do not apply simultaneously. Stiffness values tolerance: +/- 20%.

Unless typographical error, information and figures of our technical datasheet are based on our experience and laboratory tests according to international standards. This data is intended to be used as a guideline only. Material performance depends on the conditions of use and the final application.



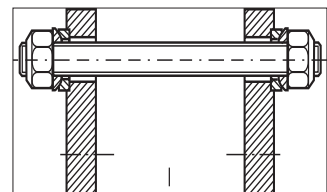
U Type

Standard unit for axial, lateral and angular movements.



L Type

Unit with tie bars for lateral movements.



TRELLEBORG

www.trelleborg.com/fluidhandling