TEGUFLEX® W BLUE

CONSTRUCTION & MINING EQUIPMENT

EXPANSION JOINT MOULDED

APPLICATIONS

Abrasive materials: slurry, sand, calcium and other suspended solid particles

ADVANTAGES

Compensate thermal elongation
Isolate vibrations and absorb pressure surges
Correct misalignments

FLANGES

Turnable flanges in zinc plated carbon steel S235JR/S275JR
Other material: stainless steel 316, hot-dip galvanized, EPOXY painting, etc.
EN 1092 PN6/10/16 - ASME B16.5 150lbs. Other types on request.

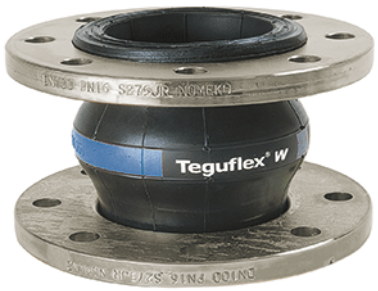
COMPLEMENTARY INFORMATION

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

PED (2014/68/EU)

TECHNICAL DESCRIPTION

Inner tube: Black, fluted SBR
Reinforcement: Nylon cord
Cover: Black, smooth, weather resistant CR (chloroprene)
Working temperature: -35°C => 90°C. Max 90°C at max WP 10 bar (≤ DN300) / 8 bar (> DN300) or Max 70°C at max WP 16 bar (≤ DN300) / 10 bar (> DN300)



LABELING

CE 0056 MOD: H TEGUFLEX W TRELLEBORG

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

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VALUE IS PARAMOUNT

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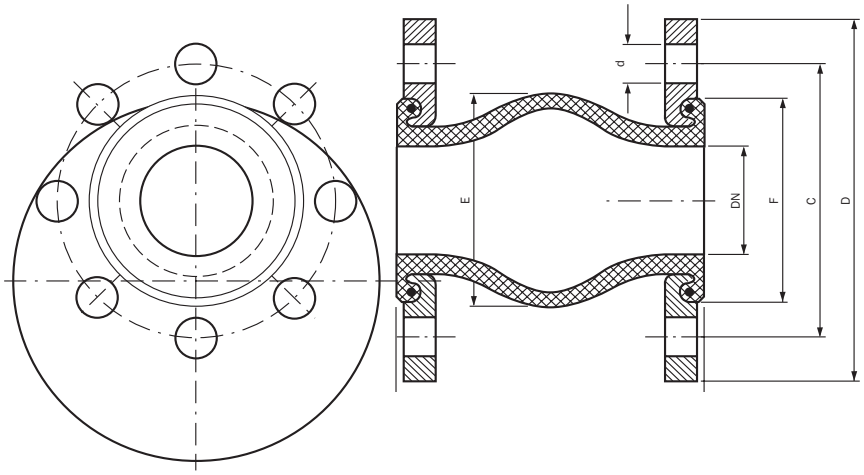
TEGUFLEX® W BLUE

DIMENSIONS & MOVEMENTS

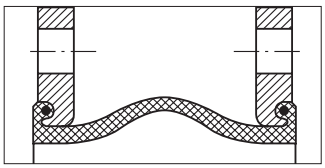
DN	BL	Eff. crossec-tional area Q	(E)	(F)	Permissible movements				Max. vacuum		Weight		Spring rates		
					Com-pression	Elonga-tion	Lateral	Angular	Without support ring	With support ring	With flanges	With tie-rod flanges	Com-pression stiffness	Elon-gation stiffness	Lateral stiffness
mm	mm	cm^2	mm	mm	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%.

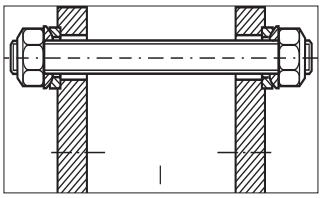
Unless typographical error, information and figures of our technical datasheet are based on our experience and laboratory tests according to international standards. This data is intended to be used as a guideline only. Material performance depends on the conditions of use and the final application.



U Type
Standard unit for axial, lateral and angular movements.



L Type
Unit with tie bars for lateral movements.



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