

24-H39-00

ITEM 46



green

For heavy chemical use up to 16 bar working pressure. Permissible temperature, working pressure and life expectancy depend in individual cases on medium and concentration. Resistance table on request.

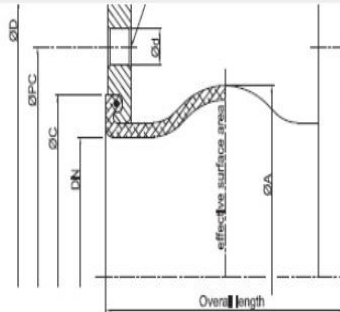
Type 50

For oil, fuel, gas

orange

Electroconductive, $R = 8 \times 10^3 \text{ Ohm}$.

Application range: Natural and town gas, blast furnace gas, liquid gas acc. to DIN 51622, fuels, lubricants, heating oil, cooling water emulsion.



For standard types

With steel cord

DN	Overall length mm	Bellows		Flange PN 10						Movement absorption				Movement absorption			
		ØA mm	Effective surface cm²	ØD mm	ØPC mm	Ød mm	n	s mm	ØC mm	axial + mm	lat. - mm	∠° +/-	∠° +/-	axial + mm	lat. - mm	∠° +/-	∠° +/-
20	130	81	17	105	75	12	4	14	65	30	30	30	30	-	-	-	-
25	130	81	17	115	85	14	4	14	65	30	30	30	30	-	-	-	-
32	130	81	17	140	100	18	4	15	65	30	30	30	30	15	30	10	30
40	130	86	18	150	110	18	4	15	74	30	30	30	35	15	30	10	30
50	130	96	32	165	125	18	4	16	86	30	30	30	30	15	35	10	30
65	130	111	53	185	145	18	4	16	105	30	30	30	30	15	35	10	25
80	130	122	85	200	160	18	8	18	118	30	30	30	30	15	15	10	25
100	130	142	128	220	180	18	8	18	137	30	30	30	20	15	15	10	20
125	130	168	187	250	210	18	8	18	166	30	30	30	20	15	15	10	20
150	130	192	259	285	240	22	8	18	192	30	30	30	20	15	15	10	15
200	130	252	410	340	295	22	8	20	252	30	30	30	12	15	15	10	10
250	130	302	596	395	350	22	12	20	304	30	30	30	12	15	15	10	5
300	130	354	822	445	400	22	12	22	354	30	30	30	12	15	15	10	5
350	200	420	907	505	460	22	16	24	412	30	50	30	8	-	-	-	-
400	200	480	1018	565	515	26	16	25	470	30	50	30	8	-	-	-	-
500	200	580	1692	670	620	26	20	30	570	30	50	30	8	-	-	-	-
600	200	680	3078	780	725	30	20	30	675	30	50	30	8	-	-	-	-
700	250	800	4019	895	840	30	24	35	780	30	50	30	8	-	-	-	-
800	250	880	5436	1015	950	33	24	40	887	30	50	30	6	-	-	-	-
900	300	1038	6706	1115	1050	33	28	40	985	30	50	30	5	-	-	-	-
1000	300	1138	8231	1230	1160	36	28	40	1085	30	50	30	5	-	-	-	-

Permissible % of indicated movement relative to temperature:

up to 50°C ~ 100%

up to 70°C ~ 75%

up to 90°C ~ 60%



TYPE 50

Application:

Type 50 For heating systems, as per DIN 4809.

red With corrosion-proofed aramide inserts.

aramide For continuous duty in hot water heating and high temperature water central heating at 100°C / 110°C and 10bar / 6bar working pressure over a 10 year working life. Not suitable for oil-related media.

Type 50 For drinking water / hot water

red nylon For cold and hot water (up to 90°C), also with the addition of chemicals for water treatment. Industrial water, acids, lyes, alcohols, esters and ketones. Not suitable for oil-related media.

Type 50 For the food and beverage industry

white Also suitable for oil- and fat-containing foodstuff. May be used up to +90°C.



Type 50 For chemical plants

green For heavy chemical use up to 16 bar working pressure. Permissible temperature, working pressure and life expectancy depend in individual cases on medium and concentration. Resistance table on request.

Type 50 For oil, fuel, gas

orange Electroconductive, $R = 8 \times 10^3 \text{ Ohm}$. Application range: Natural and town gas, blast furnace gas, liquid gas acc. to DIN 51622, fuels, lubricants, heating oil, cooling water emulsion.

Type 50

yellow

yellow-

steel cord

For oil, fuel, gas

Electroconductive, $R = 10^3$ to 10^6 Ohm .

Application range: natural and town gas, blast furnace gas, fuels, lubricants, heating oil, cooling water emulsions.

Type 50

black/CR

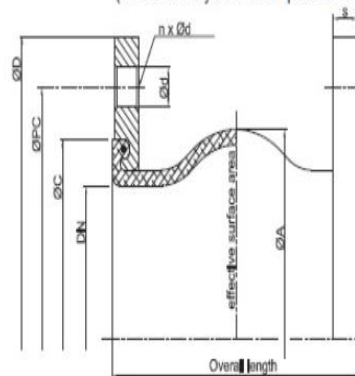
black/

EPDM

For water pipes

For cold and hot water, water with detergents, sea water, swimming bath water, waste water with CR (also oil-related, weak acid or alkaline)

(In EPDM only available up to DN 150)



For standard types

With steel cord

DN	Overall length	Bellows		Flange PN 10					ØC	Movement absorption			Movement absorption		
		ØA	Effective surface	ØD	ØPC	Ød	n	s		axial	lat.	∠°	axial	lat.	∠°