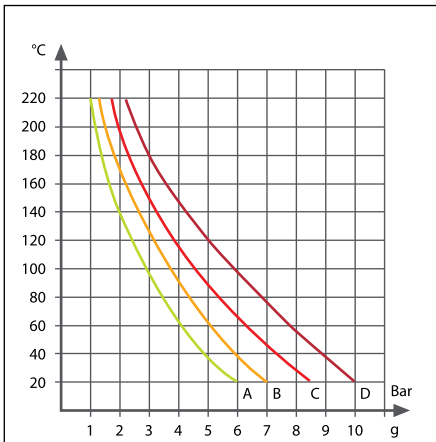
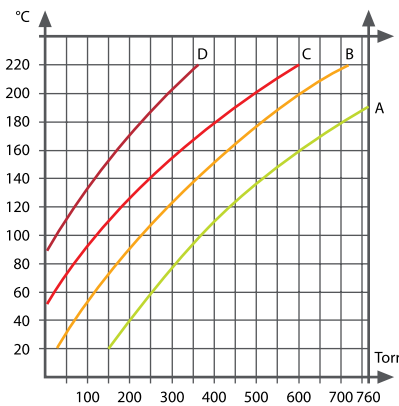




Type APBS



Pressure Resistance (3 Convolutions)
Type APBS

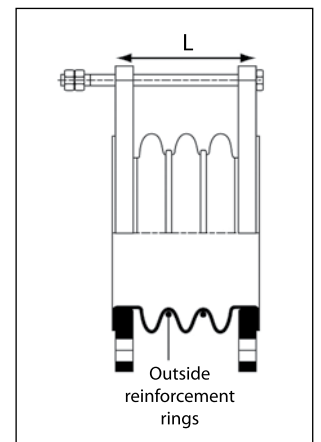


Vacuum Resistance
Type APBS

Curves	DN (mm)
A	300 & 350
B	200 & 250
C	100 & 150
D	25 & 80

The Performance Curves

Item	Size	Number of Convolution	Neutral Length (mm)	+/-	Wt Kg
1	1" #150	3	50	12	2.5
2	1" #150	5	75	20	2.8
3	1-1/4" #150	3	50	12	3
4	1-1/4" #150	5	75	20	3.5
5	1-1/2" #150	3	50	12	4
6	1-1/2" #150	5	75	20	4.5
7	2" #150	3	75	15	6
8	2" #150	5	100	25	6.5
9	2-1/2" #150	3	75	22	7
10	2-1/2" #150	5	100	35	7.5
11	3" #150	3	100	25	8
12	3" #150	5	125	40	9
13	4" #150	3	100	25	10
14	4" #150	5	150	40	11
15	5" #150	3	125	28	12
16	5" #150	5	175	45	13
17	6" #150	3	150	28	15
18	6" #150	5	225	45	17
19	8" #150	3	150	28	20
20	8" #150	5	225	45	22
21	10" #150	3	150	28	35
22	10" #150	5	225	45	37
23	12" #150	3	150	30	48
24	12" #150	5	225	50	50



PTFE Materials from European Origin using Paste Extruded production method and fine PTFE powder in accordance with standard ASTM 4895. They are then moulded under pressure and temperature, ensuring no damage to the material fibres. This technique offers excellent resistance to alternate bending (over 300,000 cycles) associated with very high resistance to permeation.

The PTFE used to produce the membranes complies with ASTM F1545 the characteristics of which are indicated in the table below.

FLANGES

Standard Production of Carbon Steel Material and connection to ANSI #150 as Standard with other material like Stainless Steel and DIN and JIS connection on request.

	Units	
SPECIFIC DENSITY		2.14-2.19 ASTM D792
TENSILE STRENGTH	Mpa	210 mini
ELONGATION AT BREAK	%	250 mini

Reinforcement Rings

Standard Production Made from Stainless Steel 304L 1.4307 with other materials on request.

- For Almarc Type APBS 5 convolutions standard bellows, the values of vacuum and pressure resistance must be multiplied by 0.5.
- The vacuum resistance of Type APBS bellows from DN20 to DN50 bellows is 2 Torr up to 180°C.