

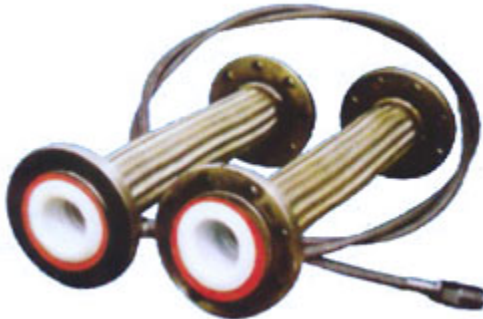


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## » YBR-3001A\B\D Polytetrafluoroethylene Hose Series



### ◆ Features:

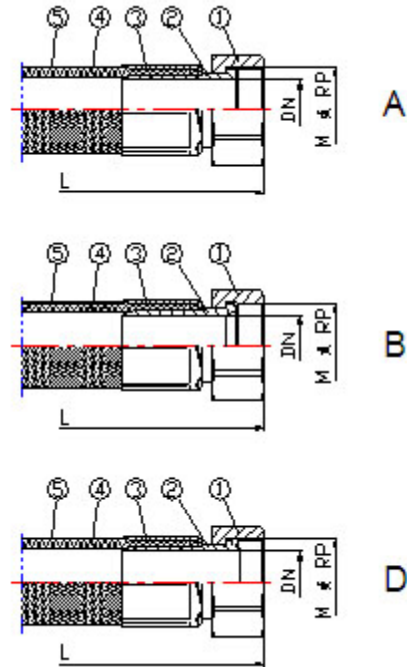
1. Resistant to high temperatures:  $-60^{\circ}\text{C} \sim 260^{\circ}\text{C}$
2. Resistant to corrosion: general acid-base salt and organic solvents cause no corrosion and dissolution to the product.
3. Resistant to pressure: the product can be used for high-pressure pipeline after stainless steel mesh intertwines its outer face.

◆ **Applications:** For oil, chemicals, food, medicine, space, and other fields.

### ◆ YBR-3001A\B\D Series performance parameters table

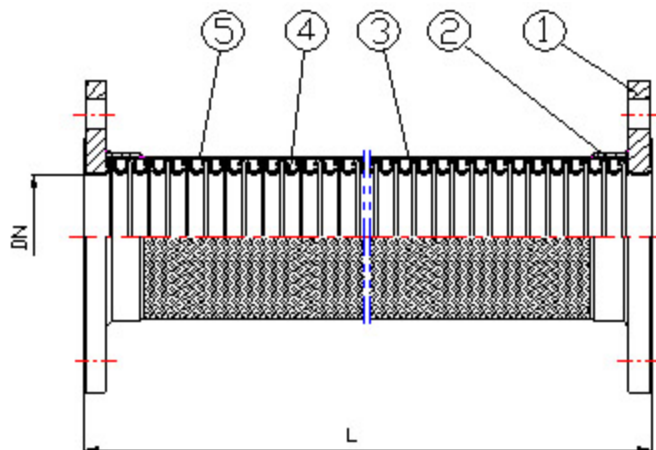
Inside Nominal Diameter	Product Code	External Diameter	Working Pressure	Minimum Bend Radius
6	YBR-300106	9.5	4.0	80
8	YBR-300108	11.5	4.0	100
10	YBR-300110	13.5	3.5	120
12	YBR-300112	15.5	3.5	150
16	YBR-300116	20.0	3.0	180
20	YBR-300120	24.0	2.5	220
25	YBR-300125	29.0	2.5	280

※ Please contact our company for higher pressure PTFE hose.



Link form	No.	Parts	Materials
A\B\D	1	Nut	SUS304/316/SS400
	2	Joints	SUS304/316/SS400
	3	Pressure ring	SUS304
	4	Bellows	PTFE
	5	Mesh jacket	SUS304

## » YBR-3002 Polytetrafluoroethylene Hose Series



### ◆ Features:

1. Have excellent dielectric and chemical corrosion-resistance;
2. Non-absorbent, non-stick, non-conductive, low coefficient and

No.	Parts	Materials
1	Flange	SUS304/316/SS400



<b>Port Diameter ( DN )</b>		15	20	25	33	38	51	57	63	73	80	89	100	114	125	159	219
<b>Port Length ( L )</b>		30-50			40-60			50-70			60-80				60-100	100-150	
<b>Diameter of Bellows (DW)</b>		17.0	22.4	27.6	35.8	40.8	54.0	60.2	66.2	76.4	83.6	92.6	105.8	117.8	129.0	164	225
<b>Bellows Diameter(d)</b>		10	15	20	25	30	40	45	52	63	68	75	90	102	113	140	190
<b>Thickness ( E )</b>		1.5	1.5	1.5	1.6	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.2	2.5	2.6	3.0
<b>Pressure ( Mpa )</b>	<b>Normal</b>	0.65	0.62	0.60	0.50	0.50	0.50	0.40	0.30	0.25	0.23	0.20	0.18	0.12	0.08	0.07	0.05
	<b>with mesh jacket</b>	1.6		1.6		1.6		1.6		1.6		1.2		1.0	1.0	0.8	
	<b>With rebar</b>	2.0		2.0		2.0		2.0		2.0		1.5		1.2	1.0		
<b>Negative pressure(-Kpa)</b>		90		85	80	75	70	65	63	61	60	58	56	50	30	20	
<b>Limit crooked radius</b>	<b>Normal</b>	≥5.0DN			≥4.5DN		≥4.0DN		≥3.5DN			≥3.0DN			5DN	5DN	
	<b>with mesh jacket</b>	≥5.0DN														6DN	6DN
	<b>With rebar</b>	≥5.0DN														6DN	6DN
<b>Heat transition Temperature</b>		<1500C														<1000C	<1000C
<b>Temperature</b>	<b>Normal</b>	-1000C+1500C						-100C~+1200C						-00C	+800C		
	<b>with mesh jacket</b>	-100C~+1800C			-100C+1600C			-50C~+1500C			-00C	+800C					
	<b>With rebar</b>	-50C~+1800C			-50C~+1700C			-50C~+1500C			-00C	+800C					
<b>Fatigue</b>		≥10,000 Soft Normal Temperature														right	left
<b>Joint Length</b>		200~200,00MM															

Flange production standards based on JIS, ANSI, DIN, BS, JB, and other standard production;  
Can be manufactured according to customer' s requirements.