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## ПОСУДА ЛАБОРАТОРНАЯ



### ЛАБОРАТОРНАЯ ПОСУДА ИЗ PTFE– СВОЙСТВА И ПРЕИМУЩЕСТВА

#### DESCRIPTION

PTFEs (Polytetrafluoroethylene) are polymers with high molecular weight that are widely used owing to their optimum chemical, electrical and thermal properties; their friction coefficient is very low. The essential features are the following.

#### PRACTICALLY TOTAL CHEMICAL INERTIA WITH REAGENTS AND SOLVENTS

They can be used in the more corrosive environments and do not contaminate the more sensitive materials in ultra-pure or corrosive applications.

#### VERY HIGH THERMAL STABILITY

Use temperature from -200°C to +300°C thermal degradation does not occur before +400°C

#### EXCEPTIONAL ELECTRICAL PROPERTIES

Extremely high electrical resistance low dielectric constant and low dielectric loss factor

#### OUTSTANDING NON-STICK PROPERTIES

Self-lubricating and shockproof features, toughness and flexibility even at low temperatures

#### APPLICATIONS

Chemical: very high chemical resistance to acids, alkali and solvents is typical of the fluoride polymers; it is therefore used for components in the petrochemical and chemical industry  
alimentary: physiologically inert, it is approved by some Authorities for uses in contact with foods  
electrical: excellent dielectric, self-extinguishing and stability in bad weather features make it increasingly used in this sector  
mechanical: its low friction coefficient makes it usable for very low load applications.

The magnetic stir bars shown on the following pages have internal magnets in Alnico V that gives them of high duration and power features. These magnets are encapsulated in first quality PTFE cases. The strict quality controls applied to these products ensure correct positioning of the magnetic core, the quality of the external surface, breakage resistance and constancy of the thickness of the external covering.



## **ЛАБОРАТОРНАЯ ПОСУДА PFA- СВОЙСТВА И ПРЕИМУЩЕСТВА**

### **DESCRIPTION**

PFA (perfluoroalkoxy) is a fluoropolymer with very low friction coefficient.

Thanks to its flexibility, high resistance to acids and optical translucence, this material can be used in the more corrosive environments.

The essential features are the following:

### **EXCELLENT TEMPERATURE STABILITY**

PFA trace analysis labware maintains its stability at temperatures from -200 °C to 260 °C (-328 °F to 500 °F).

### **NO LEACHABLE METALS**

PFA is manufactured without metals such as calcium, aluminum, iron, magnesium, nickel, copper, manganese or zinc. These metals can leach into samples from other containers, and contaminate samples.

### **SUPERIOR CHEMICAL RESISTANCE**

PFA is inert with most reagents, including nitric and hydrochloric acid routinely used in cleaning trace analysis labware. This stability significantly reduces the risk of cross-contamination.

### **EXCELLENT LONG-TERM STABILITY**

PFA containers often extend the stability of low (ppb) concentration standards. Such stability reduces the time and cost of renewing trace analysis standard solutions.

### HIGHLY TRANSLUCENT

Translucency is important for making accurate measurements using volumetric labware.

### SIMPLIFIED CLEANING

Conventional labware for trace analysis requires time-consuming and expensive cleaning. The hydrophobic and anti-adhesive properties of the exceptionally smooth-surfaced PFA labware simplify the cleaning process, making it ideal for trace analysis.



## STIRRER BLADES FOR BALLOON FLASKS

### DESCRIPTION

Will fit all standard button-tip stirring shafts. "Long groove" keyhole ( $\varnothing$  mm 9) provides easy insertion into flask neck and proper positioning for stirring action. Can be used continuously at temperatures up to 250°C and, for short intervals, to 300°C. SUITABLE FOR FOODSTUFF.

### MATERIAL

PTFE

Art.	Length mm	Fits flasks It
690	64	0,5
691	75,23	1
692	105,40	2 / 3
693	122,53	5

Art.	Length mm	Fits flasks It
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694	149,05	12 / 22
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## WATCH GLASSES

### DESCRIPTION

Superior chemical, mechanical and heat resistance. Can be used safely for continuous service at temperatures up to 250°C. SUITABLE FOR FOODSTUFF.

### MATERIAL

PTFE

Art.	Ø mm
643	52,76
644	76,32
645	99,39
646	126,36
647	153,92



## МЯГКИЕ СОЕДИНИТЕЛИ DESCRIPTION

Specially designed to connect to misaligned glass tubes. Chemically inert. Taper conforms to DIN 12242 Standard. SUITABLE FOR FOODSTUFF.

**MATERIAL**

PTFE

Art.	Lower Ø mm	Upper Ø mm	h mm
1047	20,65	112,83	24,11
1048	25,70	130,34	29,63
1049	31,36	117,44	34,40



**МЕШАЛКИ, ЦИЛИНДРИЧЕСКИЕ**

**DESCRIPTION**

Rounded shape, smooth walls, all- purpose. SUITABLE FOR FOODSTUFF.

**MATERIAL**

MAGNET PTFE COATED

Art.	Ø mm	Length mm
748	3,14	8
749	3	6
750	4,66	11,68
751	4,57	14,80
756	6	19,60
757	6	24,61
758	6,16	29,88
763	6,17	34,42

Art.	Ø mm	Length mm
764	8	40
698	7,87	49,90
699	8	44,42
704	9,62	60,16
705	9,75	69,65



**МЕШАЛКИ, МАГНИТНЫЕ**



**МЕШАЛКИ, ОВАЛЬНЫЕ**



**МЕШАЛКА, МАГНИТНАЯ**



**МЕШАЛКИ, ТРАВЕРСЫ**



**МЕШАЛКИ, ДВУСТОРОННИЕ**



**МЕШАЛКИ, ДИСК**



**ТРЕУГОЛЬНЫЕ МЕШАЛКИ, МАГНИТНЫЕ**



**МЕШАЛКИ, МАГНИТНЫЕ С КОЛЬЦОМ**



**ПЕРЕМЕШИВАЮЩИЕ ПРУТКИ, МАГНИТНЫЕ**





## НАДКЛАДКА ДЛЯ СТЕКЛЯННЫХ КОНУСОВ

### DESCRIPTION

Specially designed to prevent machined glass joints from binding. Conforms to DIN 12242.  
SUITABLE FOR FOODSTUFF.

### MATERIAL

PTFE

Art.	Cone size	Lower Ø mm
1035	7,5 / 16	6
1036	10 / 19	8
1037	12 / 21	10
1038	14 / 23	12
1039	19 / 26	16
1040	24 / 29	21
1041	29 / 32	26
1042	34 / 35	31
1043	45 / 40	41



**ЛЕНТА**



**ПРОБИРКИ**



**КОНИЧЕСКИЕ ПРОБКИ**



**СТАКАНЫ**



## CAPSULES

### DESCRIPTION

Excellent chemical, mechanical and heat resistance. Will withstand temperatures continuously up to 250°C and for short intervals up to 300°C. SUITABLE FOR FOODSTUFF.

### MATERIAL

PTFE

Art.	Type	ml	Ø mm	h mm
625	With straight walls	25	42	25
627	With straight walls	100	80	28



## КРИСТАЛЛИЗАЦИОННЫЕ СОСУД



## БУТЫЛКИ



**БУТЫЛКИ С ШИРОКИМ ГОРЛОМ**



**БУТЫЛКИ С УЗКИМ ГОРЛОМ\***



**ОБЪЕМНЫЕ КОЛБЫ**



**СТАКАНЫ НИЗКОЙ ФОРМЫ**



**КОНТЕЙНЕРЫ ДЛЯ ПРОБ**



**ПОСУДА С ЗАЩЕЛКИВАЮЩЕЙСЯ КРЫШКОЙ**



## ПРОБОЧНАЯ ПРОБКА



### КРУГЛОДОННАЯ КОЛБА

#### DESCRIPTION

DIN 12348 (Glass) with standard ground socket. For rotary evaporators and distillation of fine chemicals. For use under vacuum.

#### MATERIAL

PFA

Art.	Cap. ml	N / S	h mm	Ø mm
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1540	250	29 / 32	147	88
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