



NTP "UkrPromExport"

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Sealing material «UkrLOCK»™

ТИП ПАРОНІТА	Thickness											
	0,3 – 0,6 mm			0,7 - 0,9 mm			1,0 - 1,2 mm			1,5 - 6,5 mm		
	Price,			Price,			Price,			Price,		
	USD/1 KG (EXW)			USD/1 KG (EXW)			USD/1 KG (EXW)			USD/1 KG (EXW)		
	0-1 ton	1-5 ton	≥5 ton	0-1 ton	1-5 ton	≥5 ton	0-1 ton	1-5 ton	≥5 ton	0-1 ton	1-5 ton	≥5 ton
PON-B (Asbestos-rubber universal sheet). Density: 1.8-2.0 g/cm ³ . Maximal temperature of operation depending on environment uses and pressure: The fresh and superheated water, superheated pairs, dry neutral and inert gases - 6.4 MPa, -50°C...+450°C; Air - 1.0 MPa, -50°C...+100°C; Liquid nitrogen and oxygen - 0.25 MPa, -182°C; Water solutions of salts, liquid and gaseous ammonia, spirits - 2.5 MPa, -40°C...+200°C; Heavy and easy mineral oil - 2.5 MPa, up to +200°C. Increase in weight of a material in the liquid environment: in water - no more 10.0%; kerosene - no more 35.0%. Burning Loss - no more 30.0%. Conditional durability at a stretching - 18.0 ± 3.0 MPa. Compressibility at pressure 35.0 MPa - in limits 5.0-15.0%. Rebound degree after removal of pressure 35.0 MPa - not less 35.0%.	4,66	4,44	4,36	4,57	4,44	4,36	4,04	3,94	3,85	3,31	3,22	3,16

<p>PON-B (Graphite coated) PON-B Graphitized (Asbestos-rubber universal sheet, coated on two sides graphite). Density: 1.8-2.0 g/cm³. Maximal temperature of operation depending on environment uses and pressure: The fresh and superheated water, superheated pairs, dry neutral and inert gases - 6.4 MPa, -50°C...+450°C; Air - 1.0 MPa, -50°C...+100°C; Liquid nitrogen and oxygen - 0.25 MPa, -182°C; Water solutions of salts, liquid and gaseous ammonia, spirits - 2.5 MPa, -40°C...+200°C; Heavy and easy mineral oil - 2.5 MPa, up to +200°C. Increase in weight of a material in the liquid environment: in water - no more 10.0%; kerosene - no more 35.0%. Burning Loss - no more 30.0%. Conditional durability at a stretching - 18.0 ± 3.0 MPa. Compressibility at pressure 35.0 MPa - in limits 5.0-15.0%. Rebound degree after removal of pressure 35.0 MPa - not less 35.0%.</p>	5,21	5,06	4,97	4,98	4,82	4,74	4,74	4,60	4,51	4,74	4,60	4,51
<p>PMB (Asbestos-rubber sheet, steady against oils and gasoline). Density: 1.6-2.0 g/cm³. Maximal temperature of operation depending on environment uses and pressure: Heavy and easy mineral oil, oil fractions, liquid wax - 3.0 MPa - up to +200°C; Liquid and gaseous hydrocarbons (C1-C5) - 2.0 MPa, -40°C...+100°C; Brines - 10.0 MPa, -40°C...+50°C. Coking gas - 6.4 MPa, up to +490°C; Gaseous oxygen and nitrogen - 5.0 MPa, up to +150°C. Increase in weight of a material in the liquid environment: in water - no more 8.6%; kerosene - no more 24.0%; Oil aviation MS-20 or MK-22 - no more 23.0%. Burning Loss - no more 28.0%. Conditional durability at a stretching - 14.0 ± 2.0 MPa. Compressibility at pressure 35.0 MPa - in limits 5.0-16.0%. Rebound degree after removal of pressure 35.0 MPa - not less 40.0%.</p>	4,86	4,72	4,63	4,75	4,61	4,52	4,20	4,08	4,01	3,50	4,72	4,63
<p>PE (Asbestos-rubber sheet for electrolytic section). Density: 1.6-2.0 g/cm³. Increase in weight of a material in caustic potassium at concentration of 450 g/dm³, t=+95°C on an extent of 5 hours - not more 19%. Conditional durability at a stretching - 8.0 ± 2.0 MPa. Compressibility at pressure 35.0 MPa - in limits 6.0-16.0%. Rebound degree after removal of pressure 35.0 MPa - not less 35.0%.</p>	0,00	0,00	0,00	4,45	4,32	4,25	4,25	4,13	4,04	4,04	3,94	3,85

<p>PK (Asbestos-rubber sheet, steady against acids and alkalis). Density: 2.0-2.5 g/cm³. Maximal temperature of operation depending on environment uses and pressure: Acid and alkaline environments, oxidizers, nitrose and other aggressive gases - 2.5 MPa, up to +250°C; Organic solvents - 1.0 MPa, up to +150°C. Increase in weight of a material in the liquid environment: in Oil aviation MK-8 - not more 13.0%; Fuel aviation jet - not more 12.0%. Reduction in weight of a material: in sulfuric acid at concentration at concentration of 10%, t=+95°C on an extent of 5 hours - not more 30%; in nitric acid at concentration at concentration of 10%, t=+95°C on an extent of 5 hours - not more 30%. Conditional durability at a stretching - 10.0 ± 2.0 MPa. Compressibility at pressure 35.0 MPa - in limits 2.0-12.0%. Rebound degree after removal of pressure 35.0 MPa - not less 30.0%.</p>	11,99	11,64	11,42	10,90	10,58	10,38	9,80	9,52	9,34	9,80	9,52	9,34
<p>PON-B-T (Asbestos-rubber universal sheet, tropicalized construction). Density: 1.8-2.0 g/cm³. Maximal temperature of operation depending on environment uses and pressure: The fresh and superheated water, superheated pairs, dry neutral and inert gases - 6.4 MPa, -50°C...+450°C; Air - 1.0 MPa, -50°C...+100°C; Liquid nitrogen and oxygen - 0.25 MPa, -182°C; Water solutions of salts, liquid and gaseous ammonia, spirits - 2.5 MPa, -40°C...+200°C; Heavy and easy mineral oil - 2.5 MPa, up to +200°C. Increase in weight of a material in the liquid environment: in water - no more 10.0%; kerosene - no more 35.0%. Burning Loss - no more 30.0%. Conditional durability at a stretching - 18.0 ± 3.0 MPa. Compressibility at pressure 35.0 MPa - in limits 5.0-15.0%. Rebound degree after removal of pressure 35.0 MPa - not less 35.0%.</p>	5,47	5,32	5,21	5,28	5,12	5,03	4,67	4,54	4,45	4,67	4,54	4,45

<p>PMB-T (Asbestos-rubber sheet, steady against oils and gasoline, tropicalized construction). Density: 1.6-2.0 g/cm³. Maximal temperature of operation depending on environment uses and pressure: Heavy and easy mineral oil, oil fractions, liquid wax - 3.0 MPa -up to +200°C; Liquid and gaseous hydrocarbons (C1-C5) - 2.0 MPa, -40°C...+100°C; Brines - 10.0 MPa, -40°C...+50°C. Coking gas - 6.4 MPa, up to +490°C; Gaseous oxygen and nitrogen - 5.0 MPa, up to +150°C. Increase in weight of a material in the liquid environment: in water - no more 8.6%; kerosene - no more 24.0%; Oil aviation MS-20 or MK-22 - no more 23.0%. Burning Loss - no more 28.0%. Conditional durability at a stretching - 14.0 ± 2.0 MPa. Compressibility at pressure 35.0 MPa - in limits 5.0-16.0%. Rebound degree after removal of pressure 35.0 MPa - not less 40.0%.</p>	5,68	5,51	5,40	5,63	5,46	5,36	4,98	4,84	4,74	4,98	4,84	4,74
<p>PMB (9-38-56) (Asbestos-rubber sheet high-pressure, steady against oils and gasoline). Density: 1.5-2.0 g/cm³. Maximal temperature of operation depending on environment uses and pressure: Heavy and easy mineral oil, oil fractions, liquid wax - 5.0 MPa -up to +250°C; Liquid and gaseous hydrocarbons (C1-C5) - 3.0 MPa, -40°C...+150°C; Burning Loss - no more 28.0%. Conditional durability at a stretching - 19.0 ± 2.0 MPa. Compressibility at pressure 35.0 MPa - in limits 8.0-18.0%. Rebound degree after removal of pressure 35.0 MPa - not less 30.0%</p>	11,10	10,78	10,57	10,09	9,80	9,61	10,09	9,80	9,61	9,60	9,32	9,14
<p>PON-A (Asbestos-rubber universal sheet). Density: 1.7-1.9 g/cm³. Maximal temperature of operation depending on environment uses and pressure: The fresh and superheated water, superheated pairs, dry neutral and inert gases - 4.5 MPa, up to +450°C; Water solutions of salts, liquid and gaseous ammonia, spirits - 2.5 MPa, -40°C...+150°C; Heavy and easy mineral oil - 2.3 MPa, up to +175°C. Increase in weight of a material in the liquid environment: in water - no more 10.0%; kerosene - no more 40.0%. Burning Loss - no more 32.0%. Conditional durability at a stretching - 13.0 ± 3.0 MPa. Compressibility at pressure 35.0 MPa - in limits 8.0-18.0%. Rebound degree after removal of pressure 35.0 MPa - not less 30.0%</p>	5,26	5,05	5,00	4,68	4,55	4,45	4,14	4,02	3,95	3,36	3,26	3,20

<p>PON-V, Extra (Asbestos-rubber universal high-pressure sheet). Density: 1.8-2.0 g/cm³. Maximal temperature of operation depending on environment uses and pressure: Mineral oil and light - 4.0 MPa, up to +150°C; Fuel-air mix - 1.0 MPa, up to +130°C; Water solutions of salts and antifreeze - 4.0 MPa, up to +130°C. Increase in weight of a material in the liquid environment: in water - no more 10.0%; kerosene - no more 30.0%. Burning Loss - no more 28.0%. Conditional durability at a stretching - 20.0 ± 2.0 MPa. Compressibility at pressure 35.0 MPa - in limits 5.0-15.0%. Rebound degree after removal of pressure 35.0 MPa - not less 40.0%</p>	6,24	6,05	5,94	5,66	5,51	5,40	5,44	5,27	5,17	4,88	4,74	4,64
<p>Paronite for an excited environment «UkrLOCK»™, analogue VP Asbestos-rubber sheet for corrosive medium «UkrLOCK»™. Density: 2.0-2.5 g/cm³. Maximal temperature of operation depending on environment uses and pressure: Acid and alkaline environments, oxidizers, nitrose and other aggressive gases - 3.0 MPa, up to +270°C; Organic solvents - 1.5 MPa, up to +180°C. Heavy and easy mineral oil, oil fractions, liquid wax - 3.0 MPa -up to +200°C; Liquid and gaseous hydrocarbons - 2.5 MPa, -40°C...+150°C; Gaseous oxygen and nitrogen - 5.0 MPa, up to +180°C. Increase in weight of a material in the liquid environment: Oil aviation MS-20 or MK 22 - no more 20.0%. Oil Dissel MK-8 - not more 13.0%; Fuel aviation jet - not more 12.0%. Conditional durability at a stretching - 14.0 ± 2.0 MPa. Reduction in weight of a material: in sulfuric acid and nitric acid at concentration at concentration of 10%, t=+95°C on an extent of 5 hours - not more 28%. Conditional durability at a stretching - 10.0 ± 2.0 MPa. Compressibility at pressure 35.0 MPa - in limits 4.0-14.0%. Rebound degree after removal of pr</p>	11,51	11,18	10,97	10,99	10,67	10,46	10,46	10,16	9,97	9,62	9,35	9,17

<p>PMB-1, Extra (Asbestos-rubber sheet high-pressure, steady against oils and gasoline). Density: 1.5-2.0 g/cm³. Maximal temperature of operation depending on environment uses and pressure: Heavy and easy mineral oil, oil fractions, liquid wax - 12.0-16.0 MPa, -40°C...+250°C; Polyethylsiloxane - 12.0-16.0 MPa, -40°C...+100°C; Sea (sault) water - 8.0-10.0 MPa, -2°C...+50°C; Freon - 2.5 MPa, -50°C...+130°C. Conditional durability at a stretching - 19.0 ± 2.0 MPa. Compressibility at pressure 35.0 MPa - in limits 2.0-15.0%. Rebound degree after removal of pressure 35.0 MPa - not less 40.0%</p>	11,10	10,78	10,57	10,60	10,28	10,09	10,09	9,80	9,61	9,60	9,32	9,14
<p>PA (Reinforced) PA (Asbestos-rubber universal sheet, reinforced steel wire). Density: 1.9-2.5 g/cm³. Maximal temperature of operation depending on environment uses and pressure: The fresh and superheated water, superheated pairs, dry neutral and inert gases - 8.0-10.0 MPa, up to +450°C; Neutral dry air - 5.0-7.5 MPa, up to +250°C; Heavy and easy mineral oil - 5.0-7.5 MPa, up to +350°C. Increase in weight of a material in the liquid environment: in water - in limit 8.0-21.0%; kerosene - no more 28.0%. Compressibility at pressure 35.0 MPa - in limits 6.0-13.0%. Rebound degree after removal of pressure 35.0 MPa - not less 37.0%.</p>	11,66	11,54	11,33	8,65	8,40	8,24	7,80	7,58	7,44	7,66	7,44	7,30
<p>PON-B (Asbestosfree) PON-NA (Non-Asbestos-rubber universal sheet). Density: 1.4-2.2 g/cm³. Aging Coefficient ≥ 0.9. Tensile strength - 3.0-7.0 MPa. Compressibility at pressure 35.0 MPa - in limits 5.0-15.0%. Rebound degree after removal of pressure 35.0 MPa - not less 45.0%. Maximal temperature of operation depending on environment uses and pressure: The fresh and superheated water, superheated pairs, dry neutral and inert gases - 4.5 MPa, -40°C...+350°C; Air - 1.0 MPa, -40°C...+120°C; Liquid nitrogen and oxygen - 0.2 MPa, -182°C; Water solutions of salts, liquid and gaseous ammonia, spirits - 2.5 MPa, -30°C...+150°C; Heavy and easy mineral oil - 2.0 MPa, up to +150°C.</p>	12,59	12,22	11,99	12,59	12,22	11,99	12,01	11,66	11,44	11,44	11,11	10,90

PMB (Asbestosfree) PMB-NA (Non-Asbestos-rubber sheet, steady against oils and gasoline). Density: 1.4-2.2 g/cm ³ . Aging Coefficient ≥ 0.9. Tensile strength - 10.0 ± 3.0 MPa. Compressibility at pressure 35.0 MPa - in limits 5.0-19.0%. Rebound degree after removal of pressure 35.0 MPa - not less 25-40.0%. Maximal temperature of operation depending on environment uses and pressure: Heavy and easy mineral oil, oil fractions, liquid wax - 2.5 MPa -up to +200°C; Liquid and gaseous hydrocarbons (C1-C5) - 2.0 MPa, -40°C...+100°C; Brines - 7.0 MPa, -40°C...+50°C; Water solutions of salts, liquid and gaseous ammonia, spirits - 2.5 MPa, -30°C...+150°C; Heavy and easy mineral oil - 2.0 MPa, up to +180°C; Coking gas - 6.0 MPa, up to +450°C. Increase in weight of a material in the liquid environment: in water - no more 8.0%; kerosene - no more 24.0%; Oil aviation MS-20 or MK-22 - no more 23.0%. Burning Loss - no more 30.0%.	15,80	15,35	15,05	15,08	14,65	14,36	14,80	14,36	14,10	14,36	13,96	13,68
Paronite electrotechnical ("Electronit") «UkrLOCK»™	13,68	13,28	13,03	11,27	10,94	10,73	10,06	9,76	9,58	9,76	9,48	9,30
PA (Asbestosfree) PA (Non-Asbestos-rubber universal sheet, reinforced steel wire). Density: 1.9-2.5 g/cm ³ . Maximal temperature of operation depending on environment uses and pressure: The fresh and superheated water, superheated pairs, dry neutral and inert gases - 8.0-10.0 MPa, up to +450°C; Neutral dry air - 5.0-7.5 MPa, up to +250°C; Heavy and easy mineral oil - 5.0-7.5 MPa, up to +350°C. Increase in weight of a material in the liquid environment: in water - in limit 8.0-21.0%; kerosene - no more 28.0%. Compressibility at pressure 35.0 MPa - in limits 6.0-13.0%. Rebound degree after removal of pressure 35.0 MPa - not less 37.0%.	0,00	0,00	0,00	15,64	15,18	14,89	14,93	14,50	14,22	14,22	13,80	13,54
Possible thickness (mm): 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 1.0, 1.2, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 5.0, 6.0, 6.5.												
The possible sizes of sheets (mm): 4600x1550, 4100x1550, 3000x1550, 2600x1550, 2300x1550, 2050x1550, 1100x1550.												

The data are valid on: 16.03.2012