



# NTP «UkrPromExport»




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## Sealing material «UkrLOCK»™





TYPE OF MATERIAL	Standart	Applicable and additional data	Price, USD per 1 KG (EXW)				
			Thickness				
			0,3 - 0,6 mm	0,7 - 0,9 mm	1,0 - 1,2 mm	1,5 - 6,5 mm	
<p><b>PON (Asbestos-rubber universal sheet) UkrLOCK® GPP.</b> Density: 1.6-2.0 g/cm<sup>3</sup>. 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...+450°C); Water solutions of salts, liquid and gaseous ammonia, spirits - 2.5 MPa (-40°C...+200°C); Liquid oxygen - 0.25 MPa (-182°C); Heavy and easy mineral oil - 2.5 MPa (+200°C). Increase in weight of a material in the liquid environment: in water - no more 14.0%; kerosene - no more 40.0%. Conditional durability at a stretching - 9.0 MPa. Compressibility at pressure 35.0 MPa - in limits 8.0-18.0%. Rebound degree after removal of pressure 35.0 MPa - not less 33.0%</p>	GOST 481-80	<p>Fresh water is superheated, saturated and superheated steam, air, dry neutral and inert gases. Aqueous solutions of salts, liquid and gaseous ammonia, alcohols. Liquid oxygen and nitrogen Heavy and light oil products. For fixed connection of the "smooth" the pressure of the working medium is not more than 4 MPa "Tongue and groove", "projection-depression" of vessels, vehicles, pumps, valves, piping, compressors, internal combustion engines and other components.</p>		3,85	3,69	3,63	2,98
<p><b>PON-T Tropical (Asbestos-rubber universal sheet, tropical) UkrLOCK® GPT.</b> Density: 1.6-2.0 g/cm<sup>3</sup>. 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...+450°C); Water solutions of salts, liquid and gaseous ammonia, spirits - 2.5 MPa (-40°C...+200°C); Liquid oxygen - 0.25 MPa (-182°C); Heavy and easy mineral oil - 2.5 MPa (+200°C). Increase in weight of a material in the liquid environment: in water - no more 14.0%; kerosene - no more 40.0%. Conditional durability at a stretching - 9.0 MPa. Compressibility at pressure 35.0 MPa - in limits 8.0-18.0%. Rebound degree after removal of pressure 35.0 MPa - not less 33.0%</p>	GOST 481-80	<p>Fresh water is superheated, saturated and superheated steam, air, dry neutral and inert gases. Aqueous solutions of salts, liquid and gaseous ammonia, alcohols. Liquid oxygen and nitrogen Heavy and light oil products. For fixed connection of the "smooth" the pressure of the working medium is not more than 4 MPa "Tongue and groove", "projection-depression" of vessels, vehicles, pumps, valves, piping, compressors, internal combustion engines and other components.</p>		5,00	4,47	4,37	3,55
<p><b>PON Asbestos-free (Asbestos-free - rubber universal sheet) UkrLOCK® GPN.</b> Density: 1.6-2.0 g/cm<sup>3</sup>. 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...+450°C); Water solutions of salts, liquid and gaseous ammonia, spirits - 2.5 MPa (-40°C...+200°C); Liquid oxygen - 0.25 MPa (-182°C); Heavy and easy mineral oil - 2.5 MPa (+200°C). Increase in weight of a material in the liquid environment: in water - no more 14.0%; kerosene - no more 40.0%. Conditional durability at a stretching - 9.0 MPa. Compressibility at pressure 35.0 MPa - in limits 8.0-18.0%. Rebound degree after removal of pressure 35.0 MPa - not less 33.0%</p>	GOST 481-80, Technical regulations	<p>Fresh water is superheated, saturated and superheated steam, air, dry neutral and inert gases. Aqueous solutions of salts, liquid and gaseous ammonia, alcohols. Liquid oxygen and nitrogen Heavy and light oil products. For fixed connection of the "smooth" the pressure of the working medium is not more than 4 MPa "Tongue and groove", "projection-depression" of vessels, vehicles, pumps, valves, piping, compressors, internal combustion engines and other components.</p>		14,17	13,20	12,88	12,75





TYPE OF MATERIAL	Standart	Applicable and additional data	Price, USD per 1 KG (EXW)			
			Thickness			
			0,3 - 0,6 mm	0,7 - 0,9 mm	1,0 - 1,2 mm	1,5 - 6,5 mm
<p><b>PON-A (Asbestos-rubber universal sheet) UkrLOCK® GAA.</b> Density: 1.7-1.9 g/cm<sup>3</sup>. 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 (+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 (+175°C). Increase in weight of a material in the liquid environment: in water - no more 10.0%; kerosene - no more 45.0%. Conditional durability at a stretching - 11.0-13.0 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>	GOST 481-80	<p>Fresh water is superheated, saturated and superheated steam, Aqueous solutions of salts, liquid and gaseous ammonia, Heavy and light oil products. For fixed connection of the "smooth" the pressure of the working medium is not more than 4 MPa "tongue and groove", "projection-depression", vessels, equipment, pumps, valves, piping, compressors and other components.</p> 	5,22	4,66	4,56	4,38
<p><b>PON-A Tropical (Asbestos-rubber universal sheet, tropical) UkrLOCK® GAT.</b> Density: 1.7-1.9 g/cm<sup>3</sup>. 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 (+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 (+175°C). Increase in weight of a material in the liquid environment: in water - no more 10.0%; kerosene - no more 45.0%. Conditional durability at a stretching - 11.0-13.0 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>	GOST 481-80	<p>Fresh water is superheated, saturated and superheated steam, Aqueous solutions of salts, liquid and gaseous ammonia, Heavy and light oil products. For fixed connection of the "smooth" the pressure of the working medium is not more than 4 MPa "tongue and groove", "projection-depression", vessels, equipment, pumps, valves, piping, compressors and other components.</p> 	5,44	4,93	4,83	4,47
<p><b>PON-B (Asbestos-rubber universal sheet) UkrLOCK® GBB.</b> Density: 1.8-2.0 g/cm<sup>3</sup>. 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 (+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 35.0%. 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>	GOST 481-80	<p>Fresh water is superheated, saturated and superheated steam, dry neutral inert gases air, Aqueous solutions of salts, liquid and gaseous ammonia, alcohols, Liquid oxygen and nitrogen Heavy and light oil products. For fixed connection of the "smooth" the pressure of the working medium is not more than 4 MPa "tongue and groove", "projection-depression", vessels, equipment, pumps, valves, piping, compressors and other components.</p> 	3,57	3,38	3,32	3,05



TYPE OF MATERIAL	Standart	Applicable and additional data	Price, USD per 1 KG (EXW)			
			Thickness			
			0,3 - 0,6 mm	0,7 - 0,9 mm	1,0 - 1,2 mm	1,5 - 6,5 mm
<p><b>PON-B - Graphite (Asbestos-rubber universal sheet, coated on two sides graphite) UkrLOCK® GBG.</b> Density: 1.8-2.0 g/cm<sup>3</sup>. Density: 1.8-2.0 g/cm<sup>3</sup>. 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 (+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 35.0%. 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>	GOST 481-80, Technical regulations	<p>Fresh water is superheated, saturated and superheated steam, dry neutral inert gases air, Aqueous solutions of salts, liquid and gaseous ammonia, alcohols, Liquid oxygen and nitrogen Heavy and light oil products. For fixed connection of the "smooth" the pressure of the working medium is not more than 4 MPa "tongue and groove", "projection-depression", vessels, equipment, pumps, valves, piping, compressors and other components.</p> 	4,79	4,29	4,20	3,43
<p><b>PON-B-T Tropical (Asbestos-rubber universal sheet, tropical) UkrLOCK® GBT.</b> Density: 1.8-2.0 g/cm<sup>3</sup>. Density: 1.8-2.0 g/cm<sup>3</sup>. 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 (+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 35.0%. 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>	GOST 481-80	<p>Fresh water is superheated, saturated and superheated steam, dry neutral inert gases air, Aqueous solutions of salts, liquid and gaseous ammonia, alcohols, Liquid oxygen and nitrogen Heavy and light oil products. For fixed connection of the "smooth" the pressure of the working medium is not more than 4 MPa "tongue and groove", "projection-depression", vessels, equipment, pumps, valves, piping, compressors and other components.</p> 	5,22	4,66	4,56	3,70
<p><b>PON-B Asbestos-free (Asbestos-free - rubber universal sheet) UkrLOCK® GBN.</b> Density: 1.8-2.0 g/cm<sup>3</sup>. Density: 1.8-2.0 g/cm<sup>3</sup>. 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 (+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 35.0%. 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>	GOST 481-80, Technical regulations	<p>Fresh water is superheated, saturated and superheated steam, dry neutral inert gases air, Aqueous solutions of salts, liquid and gaseous ammonia, alcohols, Liquid oxygen and nitrogen Heavy and light oil products. For fixed connection of the "smooth" the pressure of the working medium is not more than 4 MPa "tongue and groove", "projection-depression", vessels, equipment, pumps, valves, piping, compressors and other components.</p> 	17,47	16,64	16,34	16,21

TYPE OF MATERIAL	Standart	Applicable and additional data	Price, USD per 1 KG (EXW)				
			Thickness				
			0,3 - 0,6 mm	0,7 - 0,9 mm	1,0 - 1,2 mm	1,5 - 6,5 mm	
<p><b>PON-V (Asbestos-rubber universal high-pressure sheet) UkrLOCK® GVV.</b> Density: 1.8-2.0 g/cm<sup>3</sup>. Maximal temperature of operation depending on environment uses and pressure: Strong mineral oil - 4.0 MPa (+150°C); Fuel-air mix - 1.0 MPa (+130°C); Hard water solutions of salts and antifreeze - 4.0 MPa (+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 - 22.0 ± 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>	GOST 481-80	Mineral oil and light oil, Fuel mixture, the air, water, antifreeze, antifreeze. For static sealing, parts and components of internal combustion engines and other.		7,96	7,42	7,33	7,12
<p><b>PON-V Asbestos-free (Asbestos-free - rubber universal high-pressure sheet) UkrLOCK® GVN.</b> Density: 1.8-2.0 g/cm<sup>3</sup>. Maximal temperature of operation depending on environment uses and pressure: Strong mineral oil - 4.0 MPa (+150°C); Fuel-air mix - 1.0 MPa (+130°C); Hard water solutions of salts and antifreeze - 4.0 MPa (+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 - 22.0 ± 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>	GOST 481-80, Technical regulations	Mineral oil and light oil, Fuel mixture, the air, water, antifreeze, antifreeze. For static sealing, parts and components of internal combustion engines and other.		24,76	23,83	23,55	23,38
<p><b>PMB (Asbestos-rubber sheet, steady against oils and gasoline) UkrLOCK® ORG.</b> Density: 1.5-2.0 g/cm<sup>3</sup>. Maximal temperature of operation depending on environment uses and pressure: Heavy and easy mineral oil, oil fractions, liquid wax - 3.0 MPa (+300°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 (+490°C); Gaseous oxygen and nitrogen - 5.0 MPa (+150°C). Increase in weight of a material in the liquid environment: kerosene - 10.0-24.0%; Oil aviation MS-20 or MK-22 - no more 23.0%. Conditional durability at a stretching - 12.0 ± 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>	GOST 481-80	Heavy and light oil products, oil fractions, melt the wax, Liquefied gaseous hydrocarbons and C1-C5, brines coke oven gas, Gaseous oxygen and nitrogen. For fixed connection of the "smooth" the pressure of the working medium is not more than 4 MPa "tongue and groove", "projection-depression" of vessels, vehicles, pumps, valves, piping, compressors, internal combustion engines and other components.		3,70	3,49	3,46	3,15
<p><b>PMB-T (Asbestos-rubber sheet, steady against oils and gasoline, tropical) UkrLOCK® ORT.</b> Density: 1.5-2.0 g/cm<sup>3</sup>. Maximal temperature of operation depending on environment uses and pressure: Heavy and easy mineral oil, oil fractions, liquid wax - 3.0 MPa (+300°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 (+490°C); Gaseous oxygen and nitrogen - 5.0 MPa (+150°C). Increase in weight of a material in the liquid environment: kerosene - 10.0-24.0%; Oil aviation MS-20 or MK-22 - no more 23.0%. Conditional durability at a stretching - 12.0 ± 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>	GOST 481-80	Heavy and light oil products, oil fractions, melt the wax, Liquefied gaseous hydrocarbons and C1-C5, brines coke oven gas, Gaseous oxygen and nitrogen. For fixed connection of the "smooth" the pressure of the working medium is not more than 4 MPa "tongue and groove", "projection-depression" of vessels, vehicles, pumps, valves, piping, compressors, internal combustion engines and other components.		5,61	5,01	4,90	4,47

TYPE OF MATERIAL	Standart	Applicable and additional data	Price, USD per 1 KG (EXW)			
			Thickness			
			0,3 - 0,6 mm	0,7 - 0,9 mm	1,0 - 1,2 mm	1,5 - 6,5 mm
<p><b>PMB-1 (Asbestos-rubber sheet high-pressure, steady against oils and gasoline) UkrLOCK® OR1.</b> Density: 1.5-2.0 g/cm<sup>3</sup>. Maximal temperature of operation depending on environment uses and pressure: Heavy and easy mineral oil, oil fractions, liquid wax - 16.0 MPa (-40°C...+250°C); Polyethylsiloxane - 16.0 MPa (-40°C...+100°C); Sea (sauf) water - 10.0 MPa (-2°C...+50°C); All freon - 2.5 MPa (-50°C...+130°C). Conditional durability at a stretching - 20.0 ± 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>	GOST 481-80	<p>Heavy and light oil products, oil fractions liquid UPU, sea water, Freons 12, 22, 114B-2 and other. For fixed joints such as "smooth" with a working fluid pressure less than 3.5 MPa, "tongue and groove", "projection-depression", vessels, equipment, pumps, valves, piping, compressors, internal combustion engines and other components.</p> 	10,84	9,71	9,10	8,68
<p><b>PMB (9-38-56) (Asbestos-rubber sheet high-pressure, steady against oils and gasoline) UkrLOCK® OR9.</b> Density: 1.5-2.0 g/cm<sup>3</sup>. Maximal temperature of operation depending on environment uses and pressure: Heavy and easy mineral oil, oil fractions, liquid wax - 25.0 MPa - up to +300°C; Liquid and gaseous hydrocarbons (C1-C5) - 3.0 MPa, - 45°C...+160°C; Burning Loss - no more 28.0%. Conditional durability at a stretching - 22.0 ± 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>	GOST 481-80 (Only a portion of the test), Technical regulations	<p>Heavy oil products, oil fractions, melt the wax, Liquefied gaseous hydrocarbons and C1-C5. Gaseous oxygen and nitrogen. For fixed connection of the "smooth" the pressure of the working medium is not more than 25 MPa. All freons. For fixed joints such as "smooth" with a working fluid pressure less than 5.0 MPa, vessels, equipment, pumps, valves, piping, compressors, internal combustion engines and other components.</p> 	11,67	10,87	10,61	10,12
<p><b>PMB Asbestosfree (Asbestos-free - rubber sheet, steady against oils and gasoline) UkrLOCK® ORN.</b> Density: 1.5-2.0 g/cm<sup>3</sup>. Maximal temperature of operation depending on environment uses and pressure: Heavy and easy mineral oil, oil fractions, liquid wax - 3.0 MPa (+300°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 (+490°C); Gaseous oxygen and nitrogen - 5.0 MPa (+150°C). Increase in weight of a material in the liquid environment: kerosene - 10.0-24.0%; Oil aviation MS-20 or MK-22 - no more 23.0%. Conditional durability at a stretching - 12.0 ± 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>	GOST 481-80, Technical regulations	<p>Heavy and light oil products, oil fractions, melt the wax, Liquefied gaseous hydrocarbons and C1-C5, brines coke oven gas, Gaseous oxygen and nitrogen. For fixed connection of the "smooth" the pressure of the working medium is not more than 4 MPa "tongue and groove", "projection-depression" of vessels, vehicles, pumps, valves, piping, compressors, internal combustion engines and other components.</p> 	21,09	20,13	19,90	19,79
<p><b>PK (Asbestos-rubber sheet, steady against acids and alkalis) UkrLOCK® AR1.</b> Density: 2.0-2.5 g/cm<sup>3</sup>. Maximal temperature of operation depending on environment uses and pressure: Acid and alkaline environments, oxidizers, nitrore and other aggressive gases - 2.5 MPa (+250°C); Organic solvents - 1.0 MPa (+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%. Conditional durability at a stretching - 10.0 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>	GOST 481-80	<p>Acids, bases, oxidizing agents, nitrous and other corrosive gases - Organic solvents. For fixed joints such as "smooth", "tongue and groove", "projection-depression" of vessels, vehicles, pumps, valves, piping, compressors and other components. In the spiral wound gasket as a soft medium.</p> 	9,57	9,16	9,12	8,94

TYPE OF MATERIAL	Standart	Applicable and additional data	Price, USD per 1 KG (EXW)				
			Thickness				
			0,3 - 0,6 mm	0,7 - 0,9 mm	1,0 - 1,2 mm	1,5 - 6,5 mm	
<p><b>Paronite for an excited environment «UkrLOCK AR4 - AR9», analogue VP-1 (Asbestos-rubber sheet for corrosive medium).</b> Density: 2.0-2.5 g/cm<sup>3</sup>. 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 pressure 35.0 MPa - not less 35.0%.</p>	GOST 481-80 (Only a portion of the test), Technical regulations	<p>Aggressive acids, bases, oxidizing agents, nitrous and other corrosive gases, Heavy organic solvents. For fixed joints such as "smooth", "tongue and groove", "projection-depression" of vessels, vehicles, pumps, valves, piping, compressors and other components. In the spiral wound gasket as a aggressive medium. For fixed connection of the "smooth" the pressure of the working medium is not more than 25 MPa.</p>		12,51	12,04	11,75	11,21
<p><b>PE (Asbestos-rubber sheet for electrolytic section) UkrLOCK ERI.</b> Density: 1.6-2.0 g/cm<sup>3</sup>. Increase in weight of a material in caustic potassium at concentration of 450 g/dm<sup>3</sup>, t=+95°C on an extent of 5 hours - not more 19%. Conditional durability at a stretching - 8.0 MPa. Compressibility at pressure 35.0 MPa - in limits 6.0-16.0%. Rebound degree after removal of pressure 35.0 MPa - not less 38.0%.</p>	GOST 481-80	<p>Alkali concentration 300-400 g/dm<sup>3</sup>, hydrogen, oxygen. To seal battery cells collected in electrolytic cells for the electrical isolation from each other. The minimum pressure required for the sealing compound 10.0 MPa for pots of pressure 0.02 MPa and 30 MPa for cells operating under a pressure of 1 MPa.</p>		5,66	5,44	5,32	5,09
<p><b>Paronite electrotechnical (Asbestos-rubber electrotechnical sheet for electric section) UkrLOCK ER9.</b> Density: 1.5-1.9 g/cm<sup>3</sup>. Increase in weight of a material in caustic potassium at concentration of 450 g/dm<sup>3</sup>, t=+100°C on an extent of 7 hours - not more 15%. Conditional durability at a stretching - 16.0 MPa. Compressibility at pressure 35.0 MPa - in limits 8.0-20.0%. Rebound degree after removal of pressure 35.0 MPa - not less 30.0%. Dielectric strength for thickness 0.5 mm, no less than 5.0 kV / mm (10000 MOm).</p>	GOST 481-80 (Only a portion of the test), Technical regulations	<p>Dielectric gasket. Insulator.</p>		10,84	10,09	9,85	9,04
<p><b>Paronite electrotechnical asbestos-free (Asbestos-free - rubber electrotechnical sheet for electric section) UkrLOCK ERN.</b> Density: 1.5-1.9 g/cm<sup>3</sup>. Increase in weight of a material in caustic potassium at concentration of 450 g/dm<sup>3</sup>, t=+100°C on an extent of 7 hours - not more 15%. Conditional durability at a stretching - 16.0 MPa. Compressibility at pressure 35.0 MPa - in limits 8.0-20.0%. Rebound degree after removal of pressure 35.0 MPa - not less 30.0%. Dielectric strength for thickness 0.5 mm, no less than 5.0 kV / mm (10000 MOm).</p>	GOST 481-80 (Only a portion of the test), Technical regulations	<p>Dielectric gasket. Insulator.</p>		22,27	21,31	20,89	20,60

TYPE OF MATERIAL	Standart	Applicable and additional data	Price, USD per 1 KG (EXW)			
			Thickness			
			0,3 - 0,6 mm	0,7 - 0,9 mm	1,0 - 1,2 mm	1,5 - 6,5 mm
<p><b>PA (Asbestos-rubber universal sheet, reinforced steel wire) UkrLOCK RGP.</b> Density: 1.9-2.5 g/cm<sup>3</sup>. 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 (+450°C); Neutral dry air - 7.5 MPa (+250°C); Heavy and easy mineral oil - 7.5 MPa (+400°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>	GOST 481-80	<p>Fresh water is superheated, saturated and superheated steam. Neutral inert, dry gases, air, Heavy and light oil products, oil fractions. For fixed connection of the "smooth" the pressure of the working medium is not more than 6 MPa, "tongue and groove", "projection-depression" vessels and equipment, pumps, valves, piping, compressors, internal combustion engines and other components.</p> 	8,53	7,76	6,98	6,82
<p><b>PA-T (Tropical asbestos-rubber universal sheet, reinforced steel wire) UkrLOCK RGT.</b> Density: 1.9-2.5 g/cm<sup>3</sup>. 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 (+450°C); Neutral dry air - 7.5 MPa (+250°C); Heavy and easy mineral oil - 7.5 MPa (+400°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>	GOST 481-80	<p>Fresh water is superheated, saturated and superheated steam. Neutral inert, dry gases, air, Heavy and light oil products, oil fractions. For fixed connection of the "smooth" the pressure of the working medium is not more than 6 MPa, "tongue and groove", "projection-depression" vessels and equipment, pumps, valves, piping, compressors, internal combustion engines and other components.</p> 	8,87	8,08	7,06	6,95
<p><b>PA - Asbestos-free (Asbestos-free rubber universal sheet, reinforced steel wire).</b> Density: 1.9-2.5 g/cm<sup>3</sup>. 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 (+450°C); Neutral dry air - 7.5 MPa (+250°C); Heavy and easy mineral oil - 7.5 MPa (+400°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>	GOST 481-80 (Only a portion of the test), Technical regulations	<p>Fresh water is superheated, saturated and superheated steam. Neutral inert, dry gases, air, Heavy and light oil products, oil fractions. For fixed connection of the "smooth" the pressure of the working medium is not more than 6 MPa, "tongue and groove", "projection-depression" vessels and equipment, pumps, valves, piping, compressors, internal combustion engines and other components.</p> 	19,05	18,27	17,88	17,07
<p><b>PA - Reinforced, Graphite (Asbestos-rubber universal sheet, coated on two sides graphite, reinforced steel wire) UkrLOCK RGG.</b> Density: 1.9-2.5 g/cm<sup>3</sup>. 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 (+450°C); Neutral dry air - 7.5 MPa (+250°C); Heavy and easy mineral oil - 7.5 MPa (+400°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>	GOST 481-80, Technical regulations	<p>Fresh water is superheated, saturated and superheated steam. Neutral inert, dry gases, air, Heavy and light oil products, oil fractions. For fixed connection of the "smooth" the pressure of the working medium is not more than 6 MPa, "tongue and groove", "projection-depression" vessels and equipment, pumps, valves, piping, compressors, internal combustion engines and other components.</p> 	12,66	11,59	10,52	9,62

TYPE OF MATERIAL	Standart	Applicable and additional data	Price, USD per 1 KG (EXW)			
			Thickness			
			0,3 - 0,6 mm	0,7 - 0,9 mm	1,0 - 1,2 mm	1,5 - 6,5 mm
<b>Asbestos sheet, reinforced steel wire LA-AS - UkrLOCK SGP.</b> Density of sheet for 1 mm: 2000-3000 g/sq. m. Maximal temperature of operation depending on environment uses and pressure: The Gasoline and diesel fuel - 90 °C; Oil - 150 °C (0.6 MPa); Fuel combustion materials - 400 °C; Water or cooling fluid - 125 °C (0.35 MPa). Pressure compression gaskets - 21.0-25.0 MPa. Compressibility at pressure 50.0 MPa - in limits 8.0-15.0%. Compressibility at pressure 100.0 MPa - in limits 11.0-19.0%. Rebound degree after removal of pressure 50.0 MPa - not less 45.0%. Rebound degree after removal of pressure 100.0 MPa - not less 40.0%. Increase in weight of a material in the liquid environment: Engine oil - 5.0%; Distilled water - 5.0%; Gasoline - 2.0%; Diesel fuel - 2.0%.	GOST 12856-96	The present asbestos sheets, intended for seal of junctions of a head with the cylinder block, heads with an exhaust manifold and other systems of explosion engines, are efficient at temperature to a minus 60 °C. 	0,00	9,56	7,12	6,69
<b>Asbestos sheet, reinforced steel wire LA-AS graphitized (Asbestos universal sheet, coated on two sides graphite, reinforced steel wire) UkrLOCK SGG.</b> Density of sheet for 1 mm: 2000-3000 g/sq. m. Maximal temperature of operation depending on environment uses and pressure: The Gasoline and diesel fuel - 90 °C; Oil - 150 °C (0.6 MPa); Fuel combustion materials - 400 °C; Water or cooling fluid - 125 °C (0.35 MPa). Pressure compression gaskets - 21.0-25.0 MPa. Compressibility at pressure 50.0 MPa - in limits 8.0-15.0%. Compressibility at pressure 100.0 MPa - in limits 11.0-19.0%. Rebound degree after removal of pressure 50.0 MPa - not less 45.0%. Rebound degree after removal of pressure 100.0 MPa - not less 40.0%. Increase in weight of a material in the liquid environment: Engine oil - 5.0%; Distilled water - 5.0%; Gasoline - 2.0%; Diesel fuel - 2.0%.	GOST 12856-96, Technical regulations	The present asbestos sheets, intended for seal of junctions of a head with the cylinder block, heads with an exhaust manifold and other systems of explosion engines, are efficient at temperature to a minus 60 °C. 	0,00	10,85	8,24	7,79
<b>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.</b> <b>The possible sizes of sheets (mm): 4600x1550, 4100x1550, 3000x1550, 2300x1550, 2050x1550, 1100x1550.</b> <b>Colors of paronite not necessarily match! Color of paronites has conditional value, and in no way affects the quality!</b>						
The data are valid on:		12.03.2020				