

## VII. BIMETALLIC PRODUCTS BASED ON SILVER AND ITS ALLOYS

Composition	Composition of layers		Title of delivery document
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### *Silver+indium composition*

	<i>Silver Ag 99.99</i>	<i>Indium In-00</i>	
<b>In+Ag 99.99+In</b>	GOST 6836–2002	GOST 10297–94	<ul style="list-style-type: none"> <li>• TC 48-1-257-85 Indium-silver-indium bimetallic stripes</li> </ul>

### *Silver+brass composition*

	<i>Silver Ag 99.9</i>	<i>Brass B 68</i>	
<b>Ag 99.9+B 68</b>	GOST 6836–2002	GOST 15527–2004	<ul style="list-style-type: none"> <li>• TC 117-1-343-96 Bimetallic silver-brass contact washers.</li> <li>• TC 48-1-316-87 Silver-brass bimetallic contact disks.</li> <li>• TC 48-1-206-88 Silver-brass bimetallic strips</li> </ul>

### *Silver+copper composition*

	<i>Серебро Ср 99,99</i>	<i>Медь М1</i>	
<b>Ag 99.99+Cu1</b>	GOST 6836–2002	GOST 859–2001	<ul style="list-style-type: none"> <li>• TC 1869-284-05785324-2012 Copper-silver bimetallic wire of BMS grade</li> <li>• TC 48-1-321-88 Silver+copper bimetallic rods</li> </ul>

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*Silver+copper composition*

	<i>Silver Ag 99.9</i>	<i>Copper Cu1</i>	
<b>Ag 99.9+Cu1</b>	GOST 6836–2002	GOST 859–2001	<ul style="list-style-type: none"> <li>• Bimetallic copper-silver wire of BMS grade</li> <li>• TC 48-1-42-89 Silver-brass bimetallic strips</li> <li>• TC 117-1-381-95 Silver+copper bimetallic flatten strip of LP BMS grade</li> <li>• TC 48-1-335-87 Bimetallic wire of BMST grade for chemical current sources collectors</li> <li>• TC 48-1-359-86 Bimetallic copper wire with silver sheath</li> <li>• TC 117-1-754-98 Bimetallic wire for electrical contact parts</li> <li>• TC 48-1-781-87 Bimetallic copper-silver wire of BMSC grade for electrical contact parts</li> <li>• TC 1995-292-05785324-2009 Electrical rivet type electrical bimetal contact parts with a precious metal working layer</li> <li>• TC 48-1-362-87 Bimetallic rivet type contact parts of Ag 99.9+M1 grade with silver protective layer</li> </ul>
<b>Ag 99.9+Cu1</b>	GOST 6836–2002	GOST 859–2001	<ul style="list-style-type: none"> <li>• TC 117-1-807-95 Bimetallic rivet type contact parts of Ag 99.9+M1 composition</li> <li>• TC 117-1-816-99</li> <li>• Electrical bimetallic rivet type contact parts of Ag 99.9+M1 composition. BSO type</li> <li>• TC 1995-821-05785324-01 Electrical bimetallic rivet type contact parts of Ag 99.9+M1 composition. BPC type</li> <li>• TC 117-1-757-98 Silver+copper composition bimetallic wire for semiconductor diodes leads</li> <li>• TC 1995-859-05785324-2009 Bimetal rivet type contact parts with a working layer of silver, Ag 99.9 grade, and a base layer of copper, Cu1 grade</li> <li>• TC 1869-866-05785324-2010 Bimetallic strips BM Ag 99.9+M1 2.8/0.75x140x260</li> </ul>

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### *Silver+copper composition*

	<i>Silver Ag 99.99</i>	<i>Copper CuOF</i>	
<b>Ag 99.99+MOb+ Ag 99.99</b>	GOST 6836–2002	GOST 859–2001	<ul style="list-style-type: none"> <li>• TC 48-1-787-89 Bimetallic strip and foil Ag 99.99+Ag 99.99 in a roll</li> </ul>

### *Silver+Nickel silver composition*

	<i>Silver Ag 99,99</i>	<i>Nickel silver CuNiZr 15-20</i>	
<b>Ag 99,99+ CuNiZr 15 - 20+ Ag 99,99</b>	GOST 6836 - 2002	GOST 492 – 2006	<ul style="list-style-type: none"> <li>• TC 48-1-357-86 Silver+Nickel silver+Silver three-layer metallic strips</li> </ul>

### *Silver+aluminium composition*

	<i>Silver Ag 99.99</i>	<i>Aluminium Al7 E</i>	
<b>Ag 99.99+Al7 E (BMSA grade)</b>	GOST 6836–2002	GOST 11069–2001	<ul style="list-style-type: none"> <li>• TC 117-0714-277-2008 Silver+aluminium bimetallic wire of BMSA grade</li> </ul>

### *Silver+aluminium alloy composition*

	<i>Silver Ag 99.99</i>	<i>Aluminium alloy</i>	
<b>Ag 99.99+aluminium alloy (BSA grade)</b>	GOST 6836–2002	TC 117-0714-282-2010	<ul style="list-style-type: none"> <li>• TC 117-0714-282-2010 Silver+aluminium alloy bimetallic wire</li> </ul>
<b>Ag 99.99+Aluminium alloy AMg2 (BSA 1 grade)</b>	GOST 6836–2002	GOST 4784–97	<ul style="list-style-type: none"> <li>• TC 117-0714-282-2010 Bimetallic silver+aluminium alloy wire</li> </ul>

### *Silver+bronze alloy composition*

	<i>Silver alloy AgM 97</i>	<i>Bronze BrSnP 6.5-0.15</i>	
<b>AgM 97 + BrSnP 6.5-0.15</b>	GOST 6836–2002	GOST 5017–2006	<ul style="list-style-type: none"> <li>• TC 48-1-241-84 Precious metal clad spring bimetallic contact part blanks</li> <li>• TC 48-1-331-84 Bimetallic strips of AgCu 97+BrSnP 6.5-0.15 with partial surface cladding</li> </ul>

### *Silver+brass alloy composition*

	<i>Silver alloy AgM 90</i>	<i>Bronze BrSnP 6.5–0.15</i>	
<b>AgCu 800 BrSnP 6.5-0.15+ AgCu 90</b>	GOST 6836–2002	GOST 5017–2006	<ul style="list-style-type: none"> <li>• TC 48-1-390-81 Three-layer bimetallic strips AgCu 90+BrSnP 6.5-0.15+AgCu 90</li> </ul>

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### *Silver+brass alloy composition*

	Silver alloy AgCu 97	Brass L68	
<b>CrC 97+Brass68</b>	GOST 6836–2002	GOST 15527–2004	<ul style="list-style-type: none"> <li>• TC 48-1-254-85 Bimetallic strip AgCu 97+brass</li> </ul>

### *Silver+copper alloy composition*

	Silver alloy AgCu 97	Copper Cu1	
<b>AgCu 97+M1</b>	GOST 6836–2002	GOST 859–2001	<ul style="list-style-type: none"> <li>• TC 1995-292-05785324-2009 Electrical rivet type electrical bimetal contact parts with a precious metal working layer</li> </ul>

### *Silver+copper alloy composition*

	Silver alloy AgNi 0.1	Copper Cu1	
<b>AgNi 0.1+Cu1</b>	TC 1995-292-05785324–2009	GOST 859–2001	<ul style="list-style-type: none"> <li>• • TC 117-1-815-99 Electrical bimetallic rivet type contact parts of AgNi 0.1+Cu1 composition with silver protective layer</li> <li>• TC 48-1-776-86 Contact parts electrical rivet type bimetal with a working layer from AgNi 0.1 alloy</li> <li>• TC 117-1-815-99 Electrical bimetallic rivet type contact parts of AgNi 0.1+Cu1 composition with silver protective layer</li> </ul>

### *Silver+copper alloy composition*

	Silver alloy AgM 0,2	Copper Cu1	
<b>AgN 0.2+Cu1</b>	TC 1995-818-05785324-00	GOST 859–2001	<ul style="list-style-type: none"> <li>• TC 1995-818-05785324-00 Electrical bimetallic rivet type contact parts with a working layer from AgCu 0.2 alloy.</li> <li>• TC 1995-188-05785324-2006 Bimetallic contacts Silver+copper alloy composition</li> </ul>

### *Silver+copper alloy composition*

	Silver alloy AgMgNi 99	Copper Cu1	
<b>AgMgNi 99+Cu1</b>	TC 1995–292–05785324–2009	GOST 859–2001	<ul style="list-style-type: none"> <li>• TC 1995-292-05785324-2009 Electrical rivet type bimetal electrical contact parts with a work layer from precious metals.</li> <li>• TC 117-1-805-95 Electrical rivet type contact parts from AgMgNi 99+Cu1 and AgNi 90+Cu1 composition with silver protective layer.</li> </ul>

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### Silver+copper alloy composition

	Silver alloy AgMgNiZr 99	Copper Cu1	
AgMgNiZr 99+Cu1	TC 1995-292-05785324-2009	GOST 859-2001	<ul style="list-style-type: none"> <li>TC 1995-292-05785324-2009 Electrical bimetallic rivet type contact parts with a working layer from precious metals</li> </ul>

### Silver+copper alloy composition

	Сплав серебра CpMH 98	Медь M1	
CpMH 98+M1	ТУ 1995-292- 05785324-2009	GOST 859-2001	<ul style="list-style-type: none"> <li>ТУ 1995-292-05785324-2009 «Контакт-детали электрические биметаллические заклепочного типа с рабочим слоем из благородных металлов»</li> </ul>

### Silver+copper alloy composition

	Silver alloy AgNi 90	Copper Cu1	
AgNi 90+Cu1	TC 1995-292- 05785324-2009	GOST 859-2001	<ul style="list-style-type: none"> <li>TC 1995-292-05785324-2009 Electrical rivet type bimetal electrical contact parts with a work layer from precious metals.</li> <li>TC 117-1-805-95 Electrical rivet type contact parts from AgMgNi 99+Cu1 and AgNi 90+Cu1 composition with silver protective layer.</li> <li>TC 117-0714-267-2006 Electric bimetal rivet type contact parts from AgNi 90+Cu1 composition</li> </ul>

### Silver solder+copper composition

	Silver solder SAg 47	Copper Cu1	
SAg 47+Cu1+ SAg 47	TC 48-1-28-88	GOST 859-2001	<ul style="list-style-type: none"> <li>TC 48-1-28-88 Three-layer bimetallic strips from silver solder of SAg 47+copper grade</li> </ul>

### Silver+nickel silver alloy composition

	Silver alloy AgMgNiZr 99	CuNiZr 15-20	
AgMgNiZr 99+MHЦ 15-20	TC 48-1-396-87	GOST 492-2006	<ul style="list-style-type: none"> <li>TC 48-1-396-87 Bimetallic strips from AgMgNiZr 99+CuNiZn 15-20</li> </ul>

### Silver+silver alloy composition

	Сплав серебра CpH 0,1	Нейзильбер MHЦ15-20	
AgCu 91.6+Ag 99.9	TC 117-0714-273-2011	GOST 492-2006	<ul style="list-style-type: none"> <li>TC 1995-843-05785324-2004 Electrical rivet type bimetal electrical contact parts with a working layer from AgCu 91.6 alloy (intraoxidised) in a silver shell from Ag 99.9 grade</li> </ul>

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### *Composition of intraoxidised silver+silver alloy*

	<i>Сплав серебра CpM 91,6</i>	<i>Серебро Cp 99,9</i>	
<b>CpM 91,6+Cp 99,9</b>	GOST 6836–2002	GOST 6836–2002	<ul style="list-style-type: none"> <li>Composition of intraoxidised silver+silver alloy</li> </ul>

### *Composition of intraoxidised silver+silver alloy*

	<i>Серебро Cp 99,9</i>	<i>Сплав серебра CpM 91,6</i>	
<b>CpOM 907</b>	ГОСТ 6836–2002	ГОСТ 6836–2002	<ul style="list-style-type: none"> <li>TC 48-1-239-80 Contacts from silver-copper oxide of AgCu 897 (AuCuO-8)</li> </ul>
<b>CpOM 897</b>	то же	то же	<ul style="list-style-type: none"> <li>TC 48-1-239-80 Contacts from silver-copper oxide of AgCu 897 (AuCuO-8)</li> </ul>

### *Composition of intraoxidised silver+silver alloy*

	<i>Silver alloy AgCuNi 916–0.1 Silver Ag 99.9</i>		
<b>AgCuNi 916–0.1+Ag 99.9</b>	TC 48–1–765–84	GOST 6836–2002	<ul style="list-style-type: none"> <li>TC 48-1-765-84 Electrical bimetallic contact parts with a working layer from AgCuNi 916-0.1 intraoxidised alloy and a silver bearing layer</li> </ul>