

**Classification of process names, process types, process classes and application codes provided by AMTS STD****Process list**

<i>Israeli Trade Name</i>	<i>International Trade Name</i>
AMTS-S-0610	OXSILAN® MG-0610
AMTS-S-0611	OXSILAN® MG-0611
AMTS-S-0612	OXSILAN® MG-0611
AMTS-C-7266	Gardobond® X4729
ALGAN 2M	ALGAN 2M
ALGAN 4	ALGAN 4

**Process name****AMTS-"process type"- "process number" "process class"**

**Example:** AMTS-S-0611 Class 1

*Electrochemical oxidation process, such as plasma-gel anodizing ALGAN 2M and micro-arc oxidation ALGAN 4 use their traditional trade name ALGAN that means ALonim Liquid-plasma-Gel ANodizing.*

**Process types**

<i>Process type</i>	<i>Symbol</i>
Surface modification	S
Chemical conversion coating / Composite coating	C
Electrochemical oxidation	O

**Process classes**

<i>Description</i>	<i>Class</i>
Bare corrosion resistance	1
Paint pretreatment	2
Bare corrosion resistance and electrical conductivity	3
Sealed by OXSILAN® MG products	S
Unsealed	L

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### Application codes

<i>Application</i>	<i>Code</i>
Bare corrosion resistance	B
Electrical conductivity	E
Wear and fretting resistances	W
Thermal resistance	T
Pretreatment prior wet paint	C1
Pretreatment prior powder coating	C2
Pretreatment prior E-Coat	C3
Pretreatment prior PTFE coating	C4

### Application guide

<i>Process/Application</i>	<i>B</i>	<i>E</i>	<i>W</i>	<i>T</i>	<i>C1</i>	<i>C2</i>	<i>C3</i>	<i>C4</i>
AMTS-S-0610 Class 1	+	--	--	--	--	--	--	--
AMTS-S-0610 Class 2	--	+	--	--	++	++	--	--
AMTS-S-0610 Class 3	+	+	--	--	+	++	--	--
AMTS-S-0611	++	++	+	--	--	++	--	--
AMTS-S-0612	++	++	--	--	--	+	--	--
AMTS-C-7266 Class S	++	--	+	++	--	--	--	--
AMTS-C-7266 Class L	--	--	+	++	++	++	++	++
ALGAN 2M Class S	++	--	+	++	--	--	--	--
ALGAN 2M Class L	+	--	+	++	++	++	++	+
ALGAN 4 MAC	++	--	++	++	--	--	--	--

**Notes:**

- "++": best performance
- "+": good performance
- Our ceramic coating ALGAN 4 MAC offers excellent to paint and PTFE adhesion. However, due to high cost we do not recommend to use ceramic coating as a paint pretreatment. We can recommend you another treatments for this application.
- This is only a general application guide. It does not limit any additional applications of our technologies.