

 Your Satisfaction. Everyday. Everywhere.	DECLARATION OF DESIGN AND PERFORMANCE	Reference DDP Sealing plugs
	<i>Sealing and cavity blanking plugs</i>	Page 1 / 3

- **Name and address of supplier:** Amphenol Air LB
2, rue Clément Ader
ZAC de WE
08 110 CARIGNAN France

- **Description of product:** Sealing plugs for cavities of connectors

- **Part number:**

Sealing plug size 22 according to MS 27488 N ref: 001109 190 38;
Sealing plug size 20 according to EN 4529-003 N20 ref: 001109 200 42;
Sealing plug size 20 (specific) ref: 001109 210 42;
Sealing plug size 16 according to EN 4529-003 N16 ref: 001109 300 40;
Sealing plug size 12 according to EN 4529-003 N12 ref: 001109 400 41;
Sealing plug size 10 (specific) ref: 001109 600 00;
Sealing plug size 08 (specific) ref: 001109 705 49;
Cavity blanking plug size 22 according to ASNE 0775 ref: 001109 191 38;
Cavity blanking plug size 20 according to ASNE 0775 ref: 001109 201 42;
Cavity blanking plug size 16 according to ASNE 0775 ref: 001109 301 40;
Cavity blanking plug size 12 according to ASNE 0775 ref: 001109 401 41;
Cavity blanking plug size 08 according to ASNE 0775 ref: 001109 701 49.

- **Specification number:** MS 27488 N;
EN 4529-003;
ASNE 0775;
ASNE 0616.

- **Mass:** According to corresponding reference in catalogue.

- **Overall dimensions, interfaces, connections (electrical, hydraulic, etc.), installation information in drawing:**

According to corresponding reference in catalogue.

- **Compliance statement related to the specification (including any limitations on use):**

The qualification is equivalent to MS 27488 N / EN 4529-001 / ASNE 0775 / ASNE 0616.

- **Inspection and maintenance instruction reference:** As specified in Amphenol Air LB quality manual

- **Qualification test report reference:** QTR 17-009 issue ø (sealing plugs according to EN 4529)

See following table for the main performances:

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Constitution	
Shell material	Aluminium alloy only for 001109 05 49 Teflon for other references
Shell plating material	Not concerned
Insulation material	Not concerned
Contact material	Not concerned
Contact plating material	Not concerned

Mechanical performances		
Description	Data	Units
Insert retention in housing (minimum)	Not concerned	daN
Contact retention in insert (minimum)	Not concerned	daN
Mechanical endurance	Not concerned	Cycles
Vibrations (type)	Not concerned	Not applicable
Vibrations (maximum frequency)	Not concerned	Hz
Vibrations (amplitude)	Not concerned	g
Vibrations (duration)	Not concerned	hours
Shocks (type)	Not concerned	Not applicable
Shocks (amplitude)	Not concerned	g
Shocks (duration)	Not concerned	ms
Resonant frequency minimum	Not concerned	Hz
Static loads (minimum)	Not concerned	daN

Climatic performances		
Description	Data	Units
Maximum temperature of use	-55	°C
Minimum temperature of use	+260	°C
Salt mist resistance	Not concerned	hours
Resistance to fluids	Not concerned	Not applicable
Interfacial sealing	Not concerned	mb
Air leakage	Not concerned	cm ³ /hour
Immersion at low air pressure	Not concerned	mb
IP indice	Not concerned	Not applicable

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Electrical performances		
Description	Data	Units
Insulation resistance	Not concerned	MΩ
Voltage proof test	Not concerned	V
Maximum intensity	Not concerned	A
Contact resistance	Not concerned	mΩ
Shell electrical continuity	Not concerned	mΩ

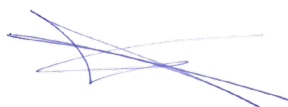
Optical performances		
Description	Data	Units
Insertion loss	Not concerned	dB
Return loss	Not concerned	dB

Fire behaviour	
In compliance with standard	EN 2591-317 (Teflon parts)

I hereby declare on behalf of the supplier that the information contained in this declaration of design and performance (DDP) is correct.

Date: 09/09/2019

Sign:



Company: Amphenol Air LB

Position held: Engineering Director

Name: Jerome CHEVALIER

Date: September, 9th 2019

Sign:



Company: Amphenol Air LB

Position held: Quality Director

Name: Vincent BEYRIES