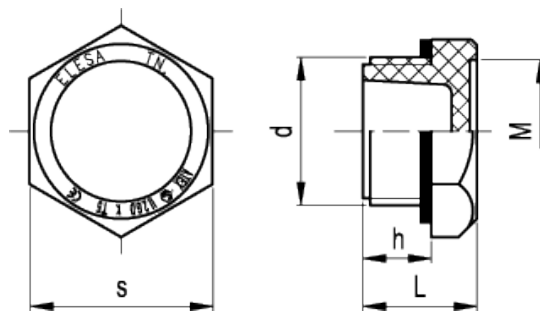


TN. ATEX

Plugs



Elesa Standards		Main dimensions					Tightening torque	Weight
Code	Description	d	h	s	L	M	[Nm]	g
58296-EX	TN.3/8-EX	G 3/8	9	22	16	17	8÷10	5
58297-EX	TN.1/2-EX	G 1/2	11	26	18	20.5	8÷10	8
58298-EX	TN.3/4-EX	G 3/4	12	32	20	25	10÷12	14

Material

Glass-fibre reinforced polyamide based (PA) technopolymer. Resistant to solvents, oils, greases and other chemical agents.

Colour

Black, matte finish.

Flat packing ring

NBR synthetic rubber.

ATEX directive compliance

The plugs of the TN. series comply with Health and Safety Requirements intended in 94/9/EC ATEX European Directive (explosive atmospheres) for equipments in Group II, category 2GD. Plugs have "k" protection degree and can therefore be mounted in equipments protected by means of "immersion in liquid", without lowering protection degree.

II 2 G D k T5, marked on the TN. plugs, represents the identification according to the directive.

In more detail:

Ex: identification for explosion protection pursuant to ATEX directive 94/9/EC

II: equipment group II (places liable to be endangered by explosive atmospheres)

2: identification of the category

G: potentially explosive atmospheres through gases, vapors or mist

D: potentially explosive atmospheres through dust/air mixtures

k: protection degree by means of immersion in liquid (kX only for TN.3/4)

T5: temperature class

Ambient and/or fluid temperature: -30 ÷ +100 °C

Every product codes will be supplied with declaration of conformity to European Directives.

Technical data

An adequate tightening torque (see table) is recommended when screwing the plug, so as to guarantee optimal tightness without any deformation of the packing ring. Suggested tightening torque is the result of laboratory tests carried out at ambient temperature (23°C) with plug, packing ring and reservoir walls perfectly cleaned.

