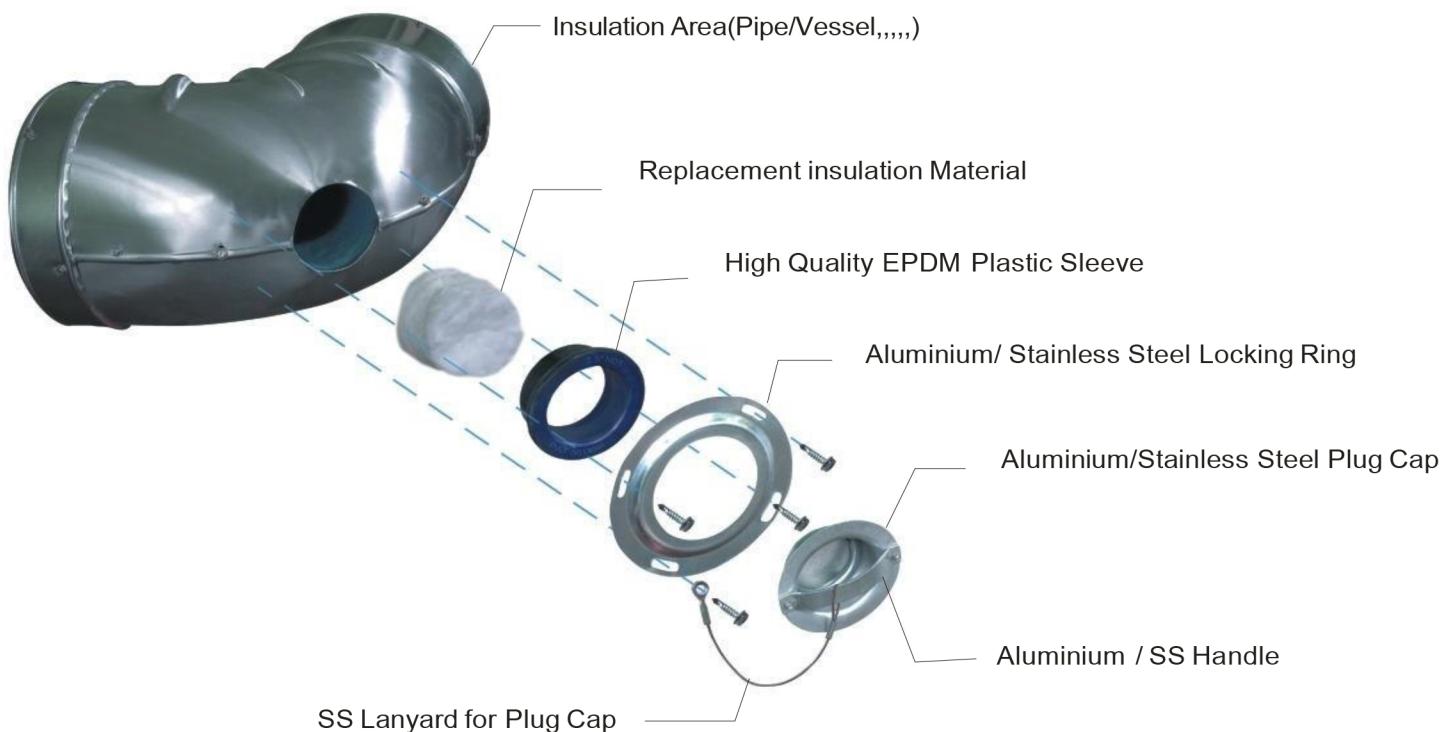


Insulation Inspection Plug Data Sheet



- Inspection Plugs and Seals are easy to remove type Inspection plugs for use in insulation Piping & Equipments
- These Inspection Plugs consists of an elastomer sleeve and a metal cap, with or without handle, lanyard and locking ring.
- No special tools, O-rings, transition gaskets, contoured flanges or “goof” required.
- Easy to remove & reuse.
- Available in 1.5”, 2.0”, 2.5”, 3.0/3.5” and 5” (38, 50, 64, 76 and 127mm) sizes with or without handle, lanyard and locking ring.

PROPERTIES	CONDITIONS	METHOD	UNITS	VALUES*
Physical				
Hardness	@23°C/5 sec	ASTM D 2240	Shore A	47
Specific Gravity	@ 23 oC	ASTM D 792	-	1.05
Mould Shrinkage	After 24 hrs	ASTM D 955	%	1.45
Mechanical				
Tensile Strength @ Break (flow direction)	500 mm / min	ASTM D 412	Kg/ cm ²	30
Elongation @ Break (flow direction)			%	525
100 % Modulus (flow direction)			Kg/ cm ²	20
Tear Strength	500 mm / min	ASTM D 624	Kg/ cm	15
Compression set	@ 23°C/22 hrs	ASTM D 395 'B"	-	-
	@ 70°C/22 hrs		%	35

Color	Grey	Red	Blue
Temperature Range	-100° to +600° F	-100° to +600° F	-100° to +600° F
	-100 to +300deg C	-100 to +400deg C	-100 to +400deg C
Tensile Strength	1400psi (98kg/ cm ²)	1400psi (98kg/ cm ²)	1400psi (98kg/ cm ²)
Chemical Resistance	Excellent	Excellent	Excellent
Ozone, Water Resistance	Outstanding	Excellent	Excellent
Weathering Resistance	Outstanding	Excellent	Excellent
UV Resistance & Fire Resistance	Excellent	Excellent	Excellent

The metal Cap is available in 304 Stainless steel or Aluminum. The optional handle and locking ring would be of the same material. All lanyards are 304 stainless steel or Aluminum.

CHEMICAL COMPOSITION

ASTMA -240

Carbon	: 0.041%
Manganese	: 1.09%
Silicon	: 0.51%
Sulphur	: 0.007%
Phosphorus	: 0.001%
Chromium	: 18.92%
Nickel	: 8.31%

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