KOUVIDIS

MEDISOL HF IAS

Medium type halogen free rigid conduit

CLASS:	**34441**	RESISTANCE TO COMPRESSION:	**750 Nt**
IMPACT RESISTANCE:	**6J**		

MEDISOL HF conduit belongs to KOUVIDIS halogen free product family that the company has developed since 2006. It is a part of MEDISOL HF – MEDIFLEX HF conduit system for cable management and protection and is assembled with CONDUR fittings (couplers, clips, adaptors) and junction boxes. Its raw material is based on Polycarbonate (PC), a virtually unbreakable material that ensures extraordinary mechanical resistance to compression and impact at extreme temperatures*. Its advanced properties make it ideal for projects of high mechanical requirements.

*MEDISOL HF conduit is being tested by KOUVIDIS quality control lab for its impact resistance (6J) at -45°C

APPLICATION FIELD

Ideal for outdoor/indoor exposed installations which require increased safety measures and high mechanical requirements such as public gathering places (airports, hotels, tunnels, malls, theaters, subways etc,) and places with costly mechanical equipment (engine rooms, industrial spaces, computer rooms, etc.).

APPLICATION STANDARD:	EN 61386.21, EN 50642
INSTRUCTIONS FOR COMPLIANCE:	2014/35/EU(LVD), 2011/65/EU(RoHS)
COLOR:	RAL 7035 Light grey
NOMINAL DIAMETER:	Outer (DN/OD)
TIGHTNESS DEGREES:	min IP 65

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Resistance to compression	750Nt/5cm
Resistance to impact	6J (at -25°C)
Lower temperature range	-25°C
Upper temperature range	+120°C
Resistance to bending	Rigid
Electrical characteristics	With electrical insulated characteristics
Protection against ingress of solid objects	min IP65
Protection against ingress of water	min IP65
Resistance against corrosion	Not applicable
Tensile strength	None declared
Resistance to flame propagating	Non flame propagating
Suspended load capacity	None declared

Additional properties	
Raw material	Halogen free, heavy metals free (RoHS) and specially stabilized thermoplastic PC
Ageing resistance	UV stabilized
Halogen free	No toxic or corrosive gases in case of fire
Antistatic technology	Protection against static electricity