

## MEDIFLEX IAS

### Corrugated pliable conduit

CLASS:	<b>33412</b>	RESISTANCE TO COMPRESSION:	<b>750 Nt</b>
IMPACT RESISTANCE:	<b>2J</b>		

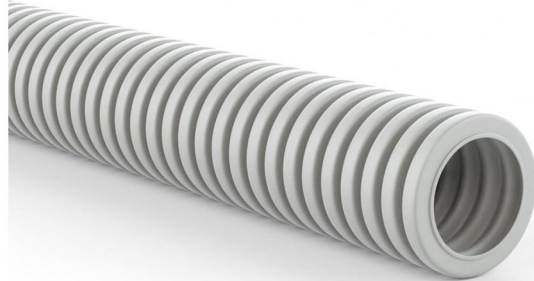
MEDIFLEX pliable conduit belongs to the same family as CONFLEX conduit. It is also produced by high quality raw materials and achieves high impact compression (2J) in low temperature environments as CONFLEX conduit (-25°C) ensuring safety in the electrical installation. MEDIFLEX is a part of MEDISOL – MEDIFLEX conduit system and is assembled with CONDUR fittings (couplers, clips, adaptors) and junction boxes.

#### APPLICATION FIELD

Ideal for indoor exposed installations which require increased safety measures and standard mechanical requirements such as parking areas, commercial buildings, warehouses, wooden structures. Their high impact strength, at low temperature environments, make them also ideal for cold weather conditions.

APPLICATION STANDARD:	<b>EN 61386.22</b>
INSTRUCTIONS FOR COMPLIANCE:	<b>2014/35/EU(LVD), 2011/65/EU(RoHS)</b>
COLOR:	<b>RAL 7035 Light grey</b>
NOMINAL DIAMETER:	<b>Outer (DN/OD)</b>
TIGHTNESS DEGREES:	<b>min IP 65</b>





## Properties

Resistance to compression	750Nt/5cm
Resistance to impact	2J (at -25°C)
Lower temperature range	-25°C
Upper temperature range	+60°C
Resistance to bending	Pliable
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	Heavy metals free (RoHS), specially stabilized thermoplastic U-PVC
Ageing resistance	UV stabilized
Antistatic technology	Protection against static electricity