



## APPLICATION FIELD

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	CONDUR	CONFLEX	MEDISOL	MEDIFLEX	SILCOR	SIFLEX	CONDUR HF	CONFLEX HF
Classification (acc. to EN 61386-1 & EN 61386-24)	44411	44412	33411	33412	23411	22412	44441	44442
<b>Properties</b>								
Material	U-PVC	U-PVC	U-PVC	U-PVC	U-PVC	U-PVC	PC	PC
Resistance to flame propagation	Non flame propagating							
Halogen free	-	-	-	-	-	-	√	√
Antimicrobial	-	-	-	-	-	-	-	-
Color	Light grey	Light grey	Light grey	Light grey	Light grey	Light grey	Light grey	Light grey
<b>Specifications</b>								
Compression strength (Nt)	1250	1250	750	750	320	320	1250	1250
Impact strength (J)	6	6	2	2	2	1	6	6
Minimum temperature (°C)	-25	-25	-25	-25	-25	-25	-45	-45
Max temperature (°C)	+60	+60	+60	+60	+60	+60	+120	+120
Resistance to bending	Rigid	Pliable	Rigid	Pliable	Rigid	Pliable	Rigid	Pliable
<b>Installations</b>								
Exposed	•	•	•	•	•	•	•	•
Concealed (hollow walls)	•	•	•	•	•	•	-	-
Concealed (underplaster)	•	•	•	•	•	•	•	•
Wood	•	•	•	•	•	•	•	•
Underfloor (screed)	•	•	•	•	•	•	-	-
Concrete	•	•	•	•	-	-	-	-
Outdoor	•	•	•	•	-	-	•	•
Buried underground	-	-	-	-	-	-	-	-
<b>Application fields</b>								
Industrial buildings	•	•	•	•	-	-	•	•
Public buildings	•	•	•	•	•	•	•	•
Sanitary areas	•	•	•	•	•	•	•	•
Renewable energy systems	•	•	•	•	-	-	•	•
Infrastructure projects	•	•	•	•	-	-	•	•
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**Industrial building:** airports, tunnels, subways, process lines, labs, warehouses, manufacturing applications, engine rooms, computer rooms, etc.  
**Public buildings:** Shopping centres, theater, museums, cinemas, hotels, residential block buildings, etc.  
**Sanitary areas:** hospitals, clinics, laboratories, spaces requiring implementation of the HACCP system, schools, nurseries, sports centres, care homes, etc.  
**Renewable energy systems:** photovoltaic and wind parks, electric power stations, etc.  
**Infrastructure projects:** motorways, road networks, bridges, tunnels, pedestrianization, shaping of public spaces, rehabilitation of historic centers, etc.



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	MEDISOL HF	MEDIFLEX HF	MEDISOL AM	MEDIFLEX AM	MEDISOL AMHF	MEDIFLEX AMHF	GEONFLEX bar	GEONFLEX	GEOSUB bar	GEOSUB	DUROFLEX PLUS
	34441	33442	33411	33412	34441	33442	N750	N750	L450	L450	33332
	PC	PC	U-PVC	U-PVC	PC	PC	HDPE	HDPE	HDPE	HDPE	HDPE
							Flame propagating				Non flame propagating
	√	√	-	-	√	√	√	√	√	√	√
	-	-	√	√	√	√	-	-	-	-	-
	Light grey	Light grey	Signal White	Signal White	Signal White	Signal White	Black/Red	Black/Red	Black/Red	Black/Red	Blue/Red
	750	750	750	750	750	750	750	750	450	450	750
	6	2	2	2	6	2	Normal	Normal	Light	Light	2
	-45	-45	-25	-25	-45	-45	-5	-5	-5	-5	-15
	+120	+120	+60	+60	+120	+120	+90	+90	+90	+90	+105
	Rigid	Pliable	Rigid	Pliable	Rigid	Pliable	Rigid	Pliable	Rigid	Pliable	Pliable
	•	•	•	•	•	•	-	-	-	-	•
	-	-	•	•	-	-	-	-	-	-	•
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• Recommended Solution    - Not recommended Solution    • Best choice acc. to the manufacturer

The above applications are only recommendations due to the technical specifications of KOUVIDIS products. National or local restrictions and prohibitions must always be considered.