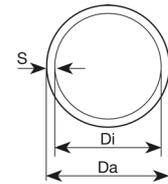


# Data sheet

|                |  |
|----------------|--|
| ID             | <b>HFIRM Turbo LG</b>  |
| Description    | rigid insulating conduit with sectional corrugation, halogenfree, plain, with moulded-on coupler |
| Properties     | light compression resistance,<br>light impact resistance   |
| Colour         | light grey, similar to RAL 7035  |
| Fire Behaviour | non flame propagating  |
| Classification | 22431  |



Norms: EN 61386-1, EN 61386-21

halogenfrei according to DIN VDE 0604  
halogenfree according to EN 50642  
halogenfree according to EN 60754



|   |                                    |   |                           |                 |
|---|------------------------------------|---|---------------------------|-----------------|
| Compressive strength<br>Light (Class 2) | Impact strength<br>Light (Class 2) | Operating temperature<br>-25 to +105 °C | Bending strength<br>Rigid | UV-Level*<br>L1 |
|---|------------------------------------|---|---------------------------|-----------------|

| Art. no. | Outer diameter | di      | ps  | pl    |
|----------|----------------|---------|-----|-------|
| 087 215  | 16 mm          | 13 mm   | 3 m | 111 m |
| 087 216  | 20 mm          | 16,9 mm | 3 m | 111 m |
| 087 217  | 25 mm          | 21,4 mm | 3 m | 57 m  |
| 087 218  | 32 mm          | 28,2 mm | 3 m | 57 m  |
| 102 952  | 40 mm          | 35,5 mm | 3 m | 21 m  |
| 102 953  | 50 mm          | 45,1 mm | 3 m | 21 m  |

## Areas of Recommended Application

| Area   |       |
|--|-------|
| Flush mounted (plaster)                        | True  |
| Surface mounted                                | True  |
| Suitable for concrete installation             | False |
| Machine and systems installation               | False |
| Suitable for subsurface installation (screed)) | False |
| Outdoor installation                           | False |
| Suitable for installation on wood              | True  |
| Hollow wall                                    | True  |
| Underground installation                       | False |

## Further technical details

| Details                       |          |
|-------------------------------|----------|
| Halogen free                  | True     |
| High conducting inner coating | True     |
| With sleeve                   | True     |
| Fire retardant version        | True     |
| Material                      | PP-Blend |

\*) L1: Indoor use - to avoid UV discoloration (no exposure to direct sunlight).

L2: Partially shaded: Outside, in areas with sun only for two to four hours a day, in shadowy places.

L3: Full sun: To be used also in areas with whole-day exposure to sunlight, e. g. roofs, antenna poles or PV panels.

Civil engineering and road construction products marked "L2" have to be laid in the shortest time possible to ensure color fastness and stability.