



# Flexible Conduits

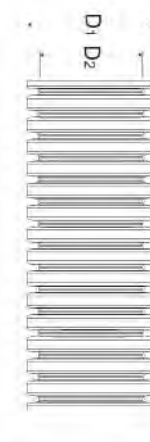
03

Flexible Conduits

COMBO Spiral Light Type 320N



CODE	TYPE	DIMENSIONS		COLOR	U.M.	LENGTH	PACKAGING
		EXT Ø mm	INT Ø mm				
31-21025-016	16	16	11,5	GRAY	M	50	200
31-21026-020	20	20	15,3	GRAY	M	50	200
31-21027-025	25	25	19,2	GRAY	M	50	50
31-21028-032	32	32	25,4	GRAY	M	50	50
31-21029-040	40	40	31,2	GRAY	M	25	25
31-21030-050	50	50	39,6	GRAY	M	25	25



**GENERAL DESCRIPTION**

- Corrugated (spiral), pliable.
- Made of polyvinyl chloride – (U-PVC).
- Self extinguishing; flame retardant.

**APPLICATIONS**

- Indoor residential and industrial installations.
- Cable routing through masonry – Flush installations.
- Fits with: COMBO Rigid, DOMO Rigid, FORTE Rigid, Junction - Switch - Plasterboard Boxes, Conduits Connection

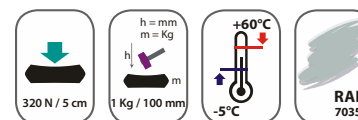
**PROPERTIES**

Resistance to compression - (compression force) at 22 ±2 °C	> 320 N / 5cm	2
Resistance to Impact - (Weight mass / Fall Height) at -5 °C	m:1kg / h:100mm	2
Minimum temperature limit	-5° C	2
Maximum temperature limit	+60° C	1
Dielectric strength	2 kv / 15 min	
Insulation resistance	> 100 MΩ	

**CLASSIFICATION**

Available with special galvanized wire internally for quick and easy installation of cables upon order with an extra charge of 0,006 €/m

APPLICATION STANDARDS: EN 61386-1/2004, EN 61386-22/2004



COMBO Spiral Light Type 320N



CODE	TYPE	DIMENSIONS		COLOR	U.M.	LENGTH	PACKAGING
		EXT Ø mm	INT Ø mm				
31-21050-016	16	16	11,5	BLACK	M	50	200
31-21051-020	20	20	15,3	BLACK	M	50	200
31-21052-025	25	25	19,2	BLACK	M	50	50
31-21053-032	32	32	25,4	BLACK	M	50	50

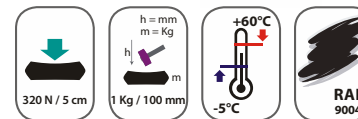


**PROPERTIES**

Resistance to compression - (compression force) at 22 ±2 °C	> 320 N / 5cm	2
Resistance to Impact - (Weight mass / Fall Height) at -5 °C	m:1kg / h:100mm	2
Minimum temperature limit	-5° C	2
Maximum temperature limit	+60° C	1
Dielectric strength	2 kv / 15 min	
Insulation resistance	> 100 MΩ	

**CLASSIFICATION**

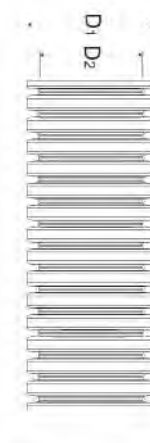
APPLICATION STANDARDS: EN 61386-1/2004, EN 61386-22/2004



COMBO Spiral DIN Light Type 320N



CODE	TYPE	DIMENSIONS		COLOR	U.M.	LENGTH	PACKAGING
		EXT Ø mm	INT Ø mm				
03-21030-011	11	15,7	12,4	WHITE	M	50	200
03-21031-013	13,5	19	14,7	WHITE	M	50	200
03-21032-016	16	21,5	17	WHITE	M	50	200
03-21033-023	23	29	24,4	WHITE	M	25	100
03-21034-029	29	34,8	29,3	WHITE	M	25	100



**GENERAL DESCRIPTION**

- Corrugated (spiral), pliable.
- Made of polyvinyl chloride – (U-PVC).
- Self extinguishing; flame retardant.

**APPLICATIONS**

- Indoor residential and industrial installations.
- Cable routing through masonry – Flush installations.
- Fits with: COMBO Rigid L/T, Junction - Switch - Plasterboard Boxes.

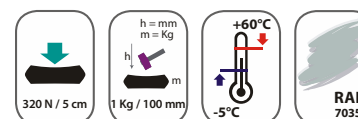
**PROPERTIES**

Resistance to compression - (compression force) at 22 ±2 °C	> 320 N / 5cm	2
Resistance to Impact - (Weight mass / Fall Height) at -5 °C	m:1kg / h:100mm	2
Minimum temperature limit	-5° C	2
Maximum temperature limit	+60° C	1
Dielectric strength	2 kv / 15 min	
Insulation resistance	> 100 MΩ	

**CLASSIFICATION**

APPLICATION STANDARDS: EN 61386-1/2004, EN 61386-22/2004, DIN 49018 (Dimensions)

AVAILABLE COLORS: GRAY, GREEN, BLUE, RED

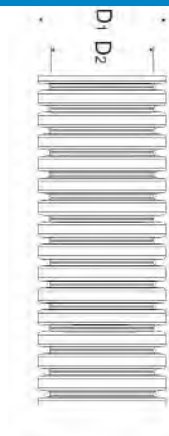


Flexible Conduits

**DOMO Spiral Medium Type 750N**



CODE	TYPE	DIMENSIONS		COLOR	U.M.	LENGTH	PACKAGING
		EXT Ø mm	INT Ø mm				
31-21001-016	16	16	11	GRAY	M	50	50
31-21002-020	20	20	15	GRAY	M	50	50
31-21003-025	25	25	19	GRAY	M	50	50
31-21004-032	32	32	25	GRAY	M	50	50
31-21005-040	40	40	31,5	GRAY	M	25	25
31-21006-050	50	50	40	GRAY	M	25	25



**GENERAL DESCRIPTION**

- Corrugated (spiral), pliable. Suitable for medium mechanical loads.
- Made of polyvinyl chloride – (U-PVC).
- Self extinguishing; flame retardant.
- UV protection.

**APPLICATIONS**

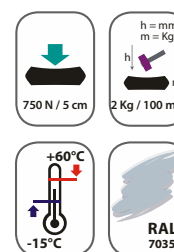
- Outdoor residential and industrial installations.
- Encased in concrete.
- Infloor installations.
- Wall mounted installations (supports – collars).
- Cable routing through masonry – Flush installations.
- Recommended mounting brackets per 45cm for quick installation.
- Fits with: Rigid COMBO - DOMO - FORTE, Connection Conduits, Junction - Switch - Plasterboard Boxes.

**PROPERTIES**

Resistance to compression - (compression force) at 22 ±2 °C  
 Resistance to Impact - (Weight mass / Fall Height) at -5 °C  
 Minimum temperature limit  
 Maximum temperature limit  
 Dielectric strength  
 Insulation resistance

**CLASSIFICATION**

> 750 N / 5cm  
 m:2kg / h:100mm  
 -15° C  
 +60° C  
 2 kv / 15 min  
 > 100 MΩ



**APPLICATION STANDARDS: EN 61386-1/2004, EN 61386-22/2004**

**DOMO Spiral Medium Type 750N with wire**



CODE	TYPE	DIMENSIONS		COLOR	U.M.	LENGTH	PACKAGING
		EXT Ø mm	INT Ø mm				
31-21031-016	16	16	11	GRAY	M	50	50
31-21032-020	20	20	15	GRAY	M	50	50
31-21033-025	25	25	19	GRAY	M	50	50
31-21034-032	32	32	25	GRAY	M	50	50
31-21035-040	40	40	31,5	GRAY	M	25	25
31-21036-050	50	50	40	GRAY	M	25	25

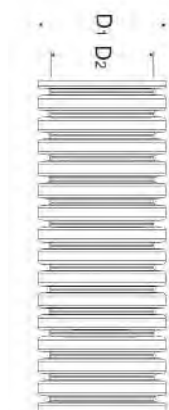


**APPLICATION STANDARDS: EN 61386-1/2004, EN 61386-22/2004**

**FORTE Spiral Heavy Type 1250N**



CODE	TYPE	DIMENSIONS		COLOR	U.M.	LENGTH	PACKAGING
		EXT Ø mm	INT Ø mm				
31-21007-016	16	16	10,8	GRAY	M	50	50
31-21008-020	20	20	14,1	GRAY	M	50	50
31-21009-025	25	25	18,3	GRAY	M	50	50
31-21010-032	32	32	24,3	GRAY	M	50	50
31-21011-040	40	40	31	GRAY	M	25	25
31-21012-050	50	50	39,5	GRAY	M	25	25



**GENERAL DESCRIPTION**

- Corrugated (spiral), pliable.
- Made of polyvinyl chloride – (U-PVC).
- Self extinguishing; flame retardant.
- UV protection.

**APPLICATIONS**

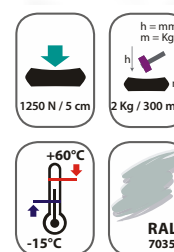
- Residential and industrial installations.
- Encased in concrete.
- Infloor installations.
- Wall mounted installations (supports – collars).
- Fits with: Rigid FORTE, Junction - Switch - Plasterboard Boxes, Connection accessories.

**PROPERTIES**

Resistance to compression - (compression force) at 22 ±2 °C  
 Resistance to Impact - (Weight mass / Fall Height) at -5 °C  
 Minimum temperature limit  
 Maximum temperature limit  
 Dielectric strength  
 Insulation resistance

**CLASSIFICATION**

> 1250 N / 5cm  
 m:2kg / h:300mm  
 -15° C  
 +60° C  
 2 kv / 15 min  
 > 100 MΩ



**APPLICATION STANDARDS: EN 61386-1/2004, EN 61386-22/2004**



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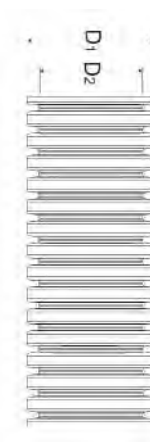
## Special Flexible Conduits

Special flexible Conduits

Courflex®



CODE	TYPE	DIMENSIONS		COLOR	U.M.	LENGTH	PACKAGING
		EXT Ø mm	INT Ø mm				
16-21060-010	10	13,3	10	GRAY	M	30	30
16-21012-012	12	16	12	GRAY	M	30	30
16-21013-014	14	16,3	13,9	GRAY	M	30	30
16-21014-016	16	20	16,2	GRAY	M	30	30
16-21015-018	18	21,2	18,1	GRAY	M	30	30
16-21016-020	20	22,5	20,2	GRAY	M	30	30
16-21017-022	22	25,3	22	GRAY	M	30	30
16-21018-025	25	28,1	25,2	GRAY	M	30	30
16-21019-030	30	36	30	GRAY	M	30	30
16-21070-032	32	37	32	GRAY	M	30	30
16-21021-038	38	44,5	38,2	GRAY	M	30	30
16-21071-040	40	47	40	GRAY	M	30	30
16-21022-050	50	55,5	50	GRAY	M	30	30
16-21023-062	62	69	62,3	GRAY	M	30	30



GENERAL DESCRIPTION

- Flexible spiral
- Made of polyvinyl chloride – (P-PVC), reinforced with a spiral made of polyvinyl chloride – (U-PVC).
- Suitable for light mechanical loads
- Self extinguishing; flame retardant.

APPLICATIONS

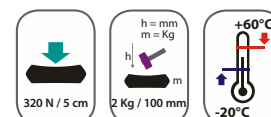
- Residential and industrial installations.
- Infloor, wall mounted installations – Equipment manufacturing.
- Air Conditioning drainage.
- Connection with gland - Racor Courflex®.
- Fits with: Gland - Racor Courflex®, Watertight Boxes, Watertight External Elements IP 54.

PROPERTIES

Resistance to compression - (compression force) at 22 ±2 °C > 320 N / 5cm  
 Resistance to Impact - (Weight mass / Fall Height) at -5 °C m:2kg / h:100mm  
 Minimum temperature limit -20° C  
 Maximum temperature limit +60° C  
 Dielectric strength 2 kv / 15 min  
 Insulation resistance > 100 MΩ

CLASSIFICATION

2  
3  
4  
1



APPLICATION STANDARDS: EN 61386-1/2004, EN 61386-23/2004

AVAILABLE COLORS: WHITE, BLUE, BLACK

Di Flex



CODE	TYPE	DIMENSIONS		COLOR	U.M.	LENGTH	PACKAGING
		EXT Ø mm	INT Ø mm				
16-21001-012	12	16	12	SILVER	M	30	30
16-21002-014	14	16,5	13,8	SILVER	M	30	30
16-21003-016	16	20	16,8	SILVER	M	30	30
16-21004-018	18	21,2	17,5	SILVER	M	30	30
16-21005-022	22	25,3	21,2	SILVER	M	30	30
16-21006-025	25	28,1	25	SILVER	M	30	30
16-21007-030	30	36	31	SILVER	M	30	30
16-21008-034	34	38	33	SILVER	M	30	30
16-21009-038	38	44,5	38	SILVER	M	30	30
16-21010-050	50	55,5	50,2	SILVER	M	30	30
16-21011-062	62	68	62,3	SILVER	M	30	30



GENERAL DESCRIPTION

- Flexible spiral
- Made of polyvinyl chloride – (P-PVC), reinforced with a spiral made of polyvinyl chloride – (U-PVC).
- Suitable for light mechanical loads
- Special internal threading for quick and easy routing of cables
- Self extinguishing; flame retardant.

APPLICATIONS

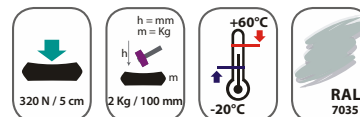
- Residential and industrial installations.
- Infloor, wall mounted installations.
- Encased in concrete.
- Underground networks, lighting supply lines, (roads, squares, sidewalks)
- Fits with: Watertight Boxes.

PROPERTIES

Resistance to compression - (compression force) at 22 ±2 °C > 320 N / 5cm  
 Resistance to Impact - (Weight mass / Fall Height) at -5 °C m:2kg / h:100mm  
 Minimum temperature limit -20° C  
 Maximum temperature limit +60° C  
 Dielectric strength 2 kv / 15 min  
 Insulation resistance > 100 MΩ

CLASSIFICATION

2  
3  
4  
1



APPLICATION STANDARDS: EN 61386-1/2004, EN 61386-23/2004

Special flexible Conduits

Di Flex Clima



CODE	TYPE	DIMENSIONS		COLOR	U.M.	LENGTH	PACKAGING
		EXT Ø mm	INT Ø mm				
17-21001-016	16	20	15,9	GRAY	M	30	30
17-21002-018	18	21	18	GRAY	M	30	30

**GENERAL DESCRIPTION**

- Flexible spiral.
- Made of polyvinyl chloride – (P-PVC), reinforced with a spiral made of polyvinyl chloride – (U-PVC).

**APPLICATIONS**

- Suitable for Air Conditioning drainage.

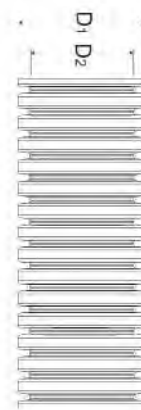
**PROPERTIES**

Resistance to compression - (compression force) at 22 ±2 °C  
 Resistance to Impact - (Weight mass / Fall Height) at -5 °C  
 Minimum temperature limit  
 Maximum temperature limit  
 Dielectric strength  
 Insulation resistance

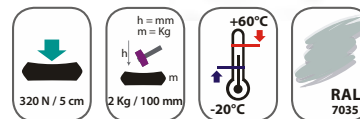
> 320 N / 5cm  
 m:1kg / h:100mm  
 - 20° C  
 +60° C  
 2 kv / 15 min  
 > 100 MΩ

**CLASSIFICATION**

2  
3  
4  
1



**APPLICATION STANDARDS: EN 61386-1/2004, EN 61386-23/2004**



Joint Courflex®



CODE	TYPE	DIMENSIONS		COLOR	U.M.	PACKAGING	PACKAGING
		EXT Ø mm	INT Ø mm			(Bag)	(Box)
33-20008-012	12	D23	12	GRAY	PCS	10	1200
33-20009-016	16	D23	16	GRAY	PCS	10	800
33-20010-020	20	D29	20	GRAY	PCS	10	600
33-20011-020	25	D37	25	GRAY	PCS	10	300
33-20012-032	32	D37	32	GRAY	PCS	10	200

**GENERAL DESCRIPTION**

- Connection of watertight boxes with flexible Conduits Courflex®.
- Water tightness lever: IP 65.
- With fixing nut - Metric thread.



Betosol®



CODE	TYPE	DIMENSIONS		COLOR	U.M.	LENGTH	PACKAGING
		EXT Ø mm	INT Ø mm				
07-21007-016	16	16	11,4	ORANGE	M	50	200
07-21008-020	20	20	15,2	ORANGE	M	50	200
07-21009-025	25	25	19,1	ORANGE	M	50	50
07-21010-032	32	32	25,3	ORANGE	M	50	50
07-21011-040	40	40	31	ORANGE	M	25	25
07-21004-013	13,5	18	14,9	ORANGE	M	50	50
07-21005-016	16	21	16,9	ORANGE	M	50	50
07-21006-023	23	27,5	23	ORANGE	M	50	50

**GENERAL DESCRIPTION**

- Corrugated (spiral), pliable.
- Suitable for light and medium mechanical loads.
- Made of special polymer material.
- Resistant to impact, acids and solvents.

**APPLICATIONS**

- Indoor residential and industrial installations.
- Encased in concrete.
- Infloor installations.
- Available with special galvanized wire internally for quick and easy installation of cables.
- Fits with: Junction Boxes, Switch Boxes, SPOT.

**PROPERTIES**

Resistance to compression - (compression force) at 22 ±2 °C  
 Resistance to Impact - (Weight mass / Fall Height) at -5 °C  
 Minimum temperature limit  
 Maximum temperature limit  
 Dielectric strength  
 Insulation resistance

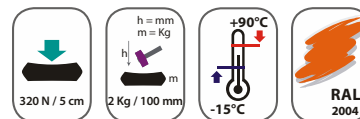
> 320 N / 5cm  
 m:2kg / h:100mm  
 - 15° C  
 +90° C  
 2 kv / 15 min  
 > 100 MΩ

**CLASSIFICATION**

2  
3  
3  
2



**APPLICATION STANDARDS: EN 61386-1/2004, EN 61386-22/2004, DIN 49018 (Dimensions)**

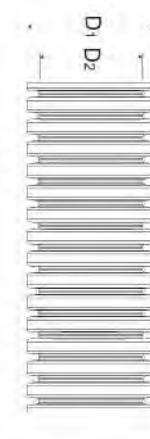


Special flexible Conduits

EL Flex®



CODE	TYPE	DIMENSIONS		COLOR	U.M.	LENGTH	PACKAGING
		EXT Ø mm	INT Ø mm				
05-21001-023	23	32	24	ORANGE	M	50	50
05-21002-029	29	40	30,8	ORANGE	M	50	50
05-21003-048	48	57,5	48	ORANGE	M	25	25



**GENERAL DESCRIPTION**

- Semi-flexible, corrugated (spiral).
- Made of special polymer material.

**APPLICATIONS**

- Underground networks, lighting supply lines to roads, squares, sidewalks.
- Encased in concrete.
- Infloor installations.
- Resistant to acids and solvents.

**PROPERTIES**

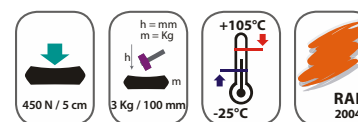
- Resistance to compression - (compression force) at 22 ±2 °C
- Resistance to Impact - (Weight mass / Fall Height) at -5 °C
- Minimum temperature limit
- Maximum temperature limit
- Dielectric strength
- Insulation resistance

**CLASSIFICATION**

- > 450 N / 5cm
- m:3kg / h:100mm
- 25° C
- +105° C
- 2 kv / 15 min
- > 100 MΩ

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**APPLICATION STANDARDS: EN 50086-1, EN 50086-2-4**





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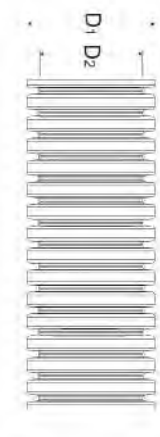
## Concrete Electrical Installation

## Concrete flexible Conduits

### Spiral DIN PLUS



CODE	TYPE	DIMENSIONS		COLOR	U.M.	LENGHT	PACKAGING
		EXT Ø mm	INT Ø mm				
04-21011-011	11	15,6	12,4	BLUE	M	50	50
04-21012-013	13,5	18,3	14,5	BLUE	M	50	50
04-21013-016	16	21	17	BLUE	M	50	50
04-21014-023	23	28	24,4	BLUE	M	25	25
04-21015-029	29	33	29,3	BLUE	M	25	25



#### GENERAL DESCRIPTION

- Pliable, with special coating.
- Suitable for light and medium mechanical loads > 320N.
- Made of polyvinyl chloride, conduit: (U-PVC), coating: (P-PVC).
- Self extinguishing; flame retardant.

#### APPLICATIONS

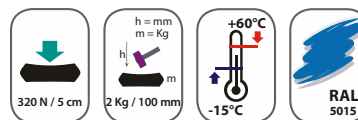
- Indoor residential and industrial installations.
- Encased in concrete, Infloor installations.
- With special galvanized wire internally, for quick and easy installation of cables.
- Available with special coupling for quick and easy connection.
- Type of wire: Ø/ 0,8mm - 700/810 N/mm<sup>2</sup>.
- Fits with: Junction Boxes, SPOT.

#### PROPERTIES

Resistance to compression - (compression force) at 22 ±2 °C	> 320 N / 5cm	2
Resistance to Impact - (Weight mass / Fall Height) at -5 °C	m:2kg / h:100mm	3
Minimum temperature limit	-15° C	3
Maximum temperature limit	+60° C	1
Dielectric strength	2 kv / 15 min	
Insulation resistance	> 100 MΩ	

#### CLASSIFICATION

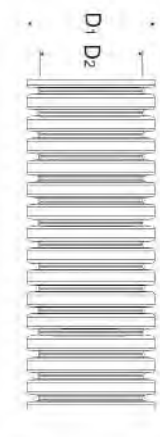
APPLICATION STANDARDS: EN 61386-1/2004, EN 61386-22/2004, DIN 49018 (Dimensions)



### SIBI® SUPER



CODE	TYPE	DIMENSIONS		COLOR	U.M.	LENGTH	PACKAGING
		EXT Ø mm	INT Ø mm				
04-21006-011	11	15,6	11,8	WHITE	M	50	50
04-21007-013	13,5	18,3	14,5	WHITE	M	50	50
04-21008-016	16	21	16,6	WHITE	M	50	50
04-21009-023	23	28	23,7	WHITE	M	25	25
04-21010-029	29	33	28,6	WHITE	M	25	25



#### GENERAL DESCRIPTION

- Pliable, with special coating.
- Suitable for light and medium mechanical loads > 500N.
- Made of polyvinyl chloride, conduit: (U-PVC), coating: (P-PVC).
- Self extinguishing; flame retardant.

#### APPLICATIONS

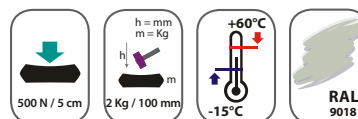
- Indoor residential and industrial installations.
- Encased in concrete, Infloor installations.
- Infloor installations.
- Available with special coupling for quick and easy connection.
- Fits with: Junction Boxes, SPOT.

#### PROPERTIES

Resistance to compression - (compression force) at 22 ±2 °C	> 500 N / 5cm	2
Resistance to Impact - (Weight mass / Fall Height) at -5 °C	m:2kg / h:100mm	3
Minimum temperature limit	-15° C	3
Maximum temperature limit	+60° C	1
Dielectric strength	2 kv / 15 min	
Insulation resistance	> 100 MΩ	

#### CLASSIFICATION

APPLICATION STANDARDS: EN 61386-1/2004, EN 61386-22/2004, DIN 49018 (Dimensions)



Concrete flexible Conduits

SIBI® Wire



CODE	TYPE	DIMENSIONS		COLOR	U.M.	LENGTH	PACKAGING
		EXT Ø mm	INT Ø mm				
04-21001-011	11	15,6	11,8	BLUE	M	50	50
04-21002-013	13,5	18,3	14,5	BLUE	M	50	50
04-21003-016	16	21	16,6	BLUE	M	50	50
04-21004-023	23	23,75	13,7	BLUE	M	25	25
04-21005-029	29	33	28,6	BLUE	M	25	25



**GENERAL DESCRIPTION**

- Pliable, with special coating.
- Suitable for light and medium mechanical loads > 500N.
- Made of polyvinyl chloride, conduit: (U-PVC), coating: (P-PVC).
- Self extinguishing; flame retardant.

**APPLICATIONS**

- Indoor residential and industrial installations.
- Encased in concrete, Infloor installations.
- With special galvanized wire internally, for quick and easy installation of cables.
- Available with special coupling for quick and easy connection.
- Type of wire: Ø/ 0,8mm - 700/810 N/mm<sup>2</sup>.
- Fits with: Junction Boxes, SPOT.

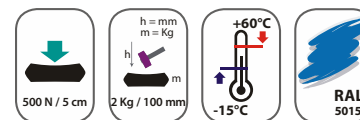
**PROPERTIES**

Resistance to compression - (compression force) at 22 ±2 °C  
 Resistance to Impact - (Weight mass / Fall Height) at -5 °C  
 Minimum temperature limit  
 Maximum temperature limit  
 Dielectric strength  
 Insulation resistance

**CLASSIFICATION**

> 500 N / 5cm  
 m:2kg / h:100mm  
 -15° C  
 +60° C  
 2 kv / 15 min  
 > 100 MΩ

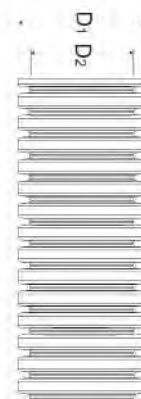
**APPLICATION STANDARDS: EN 61386-1/2004, EN 61386-22/2004, DIN 49018 (Dimensions)**



TUBODIN Medium Type 750N



CODE	TYPE	DIMENSIONS		COLOR	U.M.	LENGTH	PACKAGING
		EXT Ø mm	INT Ø mm				
03-21001-011	11	16	11,8	GRAY	M	50	50
03-21002-135	13,5	18,7	14,5	GRAY	M	50	50
03-21003-016	16	21,2	16,4	GRAY	M	50	50
03-21004-023	23	28,3	23,2	GRAY	M	25	25
03-21005-029	29	34,8	28,5	GRAY	M	25	25



**GENERAL DESCRIPTION**

- Corrugated (spiral), pliable.
- Made of polyvinyl chloride – (U-PVC).
- Self extinguishing; flame retardant.
- UV protection.

**APPLICATIONS**

- Indoor or outdoor residential and industrial installations
- Cable routing through masonry – Flush installations
- Encased in concrete
- Infloor installations
- Available with special coupling for quick and easy connection
- Fits with: COMBO Rigid L/T, Junction Boxes, Switch Boxes, SPOT, Plasterboard Boxes.

**Available with special galvanized wire internally for quick and easy installation of cables upon order with an extra charge of 0,006 €/m.**

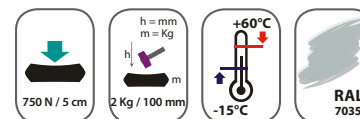
**PROPERTIES**

Resistance to compression - (compression force) at 22 ±2 °C  
 Resistance to Impact - (Weight mass / Fall Height) at -5 °C  
 Minimum temperature limit  
 Maximum temperature limit  
 Dielectric strength  
 Insulation resistance

**CLASSIFICATION**

> 750 N / 5cm  
 m:2kg / h:100mm  
 -15° C  
 +60° C  
 2 kv / 15 min  
 > 100 MΩ

**APPLICATION STANDARDS: EN 61386-1/2004, EN 61386-22/2004, DIN 49018 (Dimensions)**



Concrete flexible Conduits

SIBI® Coupling and SIBI® Wire



CODE	TYPE	COLOR	U.M.	PACKAGING (Box)
21-21001-011	11	GRAY	PCS	100
21-21002-135	13,5	GRAY	PCS	100
21-21003-016	16	GRAY	PCS	100
21-21004-023	23	GRAY	PCS	50
21-21005-029	29	GRAY	PCS	50



**GENERAL DESCRIPTION**

• Special for the connection of flexible conduits.

**APPLICATIONS**

• Easy connection with SIBI® and SIBI® Wire.

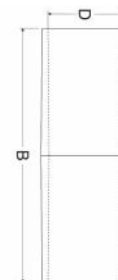
**APPLICATION STANDARDS:** EN 61386-1/2004 EN, 61386-22/2004



TUBODIN® Coupling



CODE	TYPE	COLOR	U.M.	PACKAGING (Box)
21-21010-011	11	GRAY	PCS	1
21-21011-135	13,5	GRAY	PCS	1
21-21012-016	16	GRAY	PCS	1
21-21013-023	23	GRAY	PCS	1
21-21014-029	29	GRAY	PCS	1



**GENERAL DESCRIPTION**

• Special for the connection of flexible conduits.

**APPLICATIONS**

• Easy connection with Tubodin®.

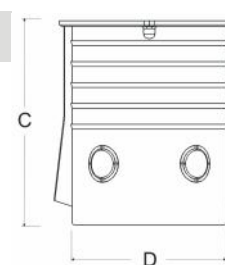
**APPLICATION STANDARDS:** EN 61386-1/2004 EN, 61386-21/2004



Spotlight Installation Box



CODE	TYPE	DIMENSIONS mm	COLOR	U.M.	PACKAGING (Bag)
29-21001-050	R.50	Ø 110x50	BLACK	PCS	30
29-21002-063	R.63-80	Ø 130x95	BLACK	PCS	20



**GENERAL DESCRIPTION**

• Non-corrosive. Resistant to impact and pressure.  
• Made of special polymer material.

**APPLICATIONS**

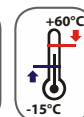
• Indoor residential and industrial installations.  
• Encased in concrete.  
• Recess for the installation of ceiling spotlights R.50 – R.63/80.  
• Special design of lateral partitions for easy cutting and conduits installation.  
• Fits with: SiBi®, DOMO Spiral M/T, Betosol®.

**PROPERTIES**

Protection rating against solid bodies and water:  
Glow wire test:  
Minimum temperature limit:  
Maximum temperature limit:

IP 20  
650°C  
- 15°C  
+60°C

**APPLICATION STANDARDS:** IEC 60670 - 1/2002





06

## Rigid Conduits

Rigid Conduits

COMBO Rigid Light Type 320N



CODE	TYPE	DIMENSIONS		COLOR	U.M.	LENGTH	PACKAGING
		EXT Ø mm	INT Ø mm				
30-21013-016	16	16	14,5	GRAY	M	3	360
30-21014-020	20	20	18,5	GRAY	M	3	225
30-21015-025	25	25	23,5	GRAY	M	3	150
30-21016-032	32	32	30,5	GRAY	M	3	75



**GENERAL DESCRIPTION**

- Rigid.
- Suitable for light mechanical loads.
- Made of polyvinyl chloride – (U-PVC).
- Self extinguishing; flame retardant.

**APPLICATIONS**

- Indoor residential and industrial installations.
- Cable routing through masonry – Flush installations.
- For a fast installation, it is recommended to mount backups with a 50cm distance between them
- Fits with: COMBO Spiral L/T, Junction - Switch - Plasterboard Boxes

**Available in 2,5m on demand**

**PROPERTIES**

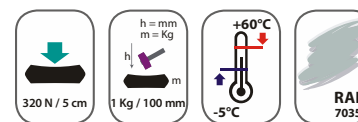
Resistance to compression - (compression force) at 22 ±2 °C  
 Resistance to Impact - (Weight mass / Fall Height) at -5 °C  
 Minimum temperature limit  
 Maximum temperature limit  
 Dielectric strength  
 Insulation resistance

> 320 N / 5cm  
 m:1kg / h:100mm  
 -5° C  
 +60° C  
 2 kv / 15 min  
 > 100 MΩ

**CLASSIFICATION**

2  
2  
2  
1

**APPLICATION STANDARDS: EN 61386-1/2004, EN 61386-21/2004**



COMBO Rigid DIN Light Type 320N



CODE	TYPE	DIMENSIONS		COLOR	U.M.	LENGTH	PACKAGING
		EXT Ø mm	INT Ø mm				
13-21030-011	11	11,5	10,5	WHITE	M	3	300
13-21031-013	13,5	13,6	12,6	WHITE	M	3	300
13-21032-016	16	15,9	14,9	WHITE	M	3	300
13-21033-023	23	23,4	22,4	WHITE	M	3	150
13-21034-029	29	28,3	27	WHITE	M	3	120



**GENERAL DESCRIPTION**

- Rigid.
- Suitable for light mechanical loads.
- Made of polyvinyl chloride – (U-PVC).
- Self extinguishing; flame retardant.

**APPLICATIONS**

- Indoor residential and industrial installations.
- Cable routing through masonry – Flush installations.
- Fits with: Its external diameter fits to the internal diameter of the corresponding COMBO Spiral DIN L/T, Junction - Switch - Plasterboard Boxes

**Available in 2,5m on demand**

**PROPERTIES**

Resistance to compression - (compression force) at 22 ±2 °C  
 Resistance to Impact - (Weight mass / Fall Height) at -5 °C  
 Minimum temperature limit  
 Maximum temperature limit  
 Dielectric strength  
 Insulation resistance

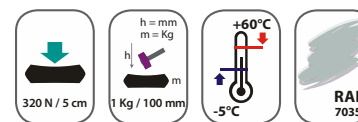
> 320 N / 5cm  
 m:1kg / h:100mm  
 -5° C  
 +60° C  
 2 kv / 15 min  
 > 100 MΩ

**CLASSIFICATION**

2  
2  
2  
1

**APPLICATION STANDARDS: EN 61386-1/2004, EN 61386-21/2004**

**AVAILABLE COLORS: GRAY, GREEN, BLUE, RED**

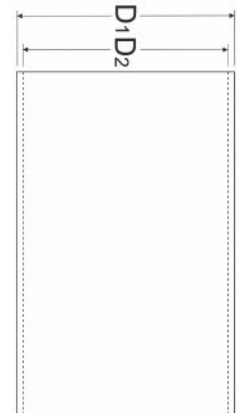


Rigid Conduits

DOMO Rigid Medium Type 750N



CODE	TYPE	DIMENSIONS		COLOR	U.M.	LENGTH	PACKAGING
		EXT Ø mm	INT Ø mm				
30-21007-016	16	16	13	GRAY	M	3	150
30-21008-020	20	20	17,5	GRAY	M	3	150
30-21009-025	25	25	22	GRAY	M	3	75
30-21010-032	32	32	29	GRAY	M	3	75
30-21011-040	40	40	37	GRAY	M	3	45
30-21012-050	50	50	46,5	GRAY	M	3	45



**GENERAL DESCRIPTION**

- Rigid.
- Suitable for medium mechanical loads.
- Made of polyvinyl chloride – (U-PVC).
- Self extinguishing; flame retardant.
- UV protection.

**APPLICATIONS**

- Outdoor or indoor residential and industrial installations.
- Cable routing in motion – lighting installations.
- Ability to configure networks with connection and support accessories.
- Infloor – Wall mounted installations.
- Encased in concrete.
- Fits with: Connection and support accessories, DOMO Spiral M/T, CourflexR, Junction- Switch - Plasterboard Boxes.

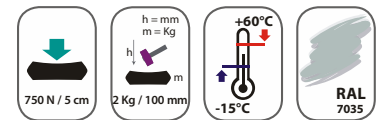
**PROPERTIES**

Resistance to compression - (compression force) at 22 ±2 °C	> 750 N / 5cm
Resistance to Impact - (Weight mass / Fall Height) at -5 °C	m:2kg / h:100mm
Minimum temperature limit	-15° C
Maximum temperature limit	+60° C
Dielectric strength	2 kv / 15 min
Insulation resistance	> 100 MΩ

**CLASSIFICATION**

3
3
3
1

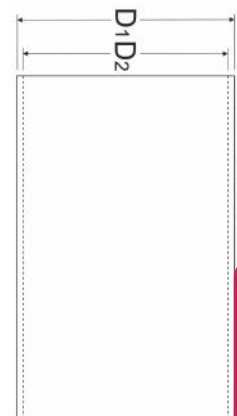
**APPLICATION STANDARDS: EN 61386-1/2004, EN 61386-21/2004**



FORTE Rigid Heavy Type 1250N



CODE	TYPE	DIMENSIONS		COLOR	U.M.	LENGTH	PACKAGING
		EXT Ø mm	INT Ø mm				
30-21001-016	16	16	12,5	GRAY	M	3	150
30-21002-020	20	20	17	GRAY	M	3	150
30-21003-025	25	25	21,5	GRAY	M	3	75
30-21004-032	32	32	28,5	GRAY	M	3	75
30-21005-040	40	40	36,5	GRAY	M	3	45
30-21006-050	50	50	46	GRAY	M	3	45



**GENERAL DESCRIPTION**

- Rigid.
- Suitable for heavy mechanical loads.
- Made of polyvinyl chloride – (U-PVC).
- Self extinguishing; flame retardant.
- UV protection.

**APPLICATIONS**

- Outdoor or indoor residential and industrial installations.
- Cable routing in motion – lighting installations.
- Ability to configure networks with connection and support accessories.
- Infloor – Wall mounted installations.
- Encased in concrete.
- Fits with: Connection accessories, FORTE Spiral B/T, CourflexR, Junction - Switch - Plasterboard Boxes.

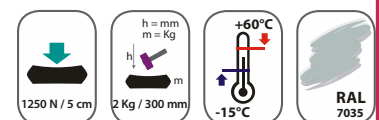
**PROPERTIES**

Resistance to compression - (compression force) at 22 ±2 °C	> 1250 N / 5cm
Resistance to Impact - (Weight mass / Fall Height) at -5 °C	m:2kg / h:100mm
Minimum temperature limit	-15° C
Maximum temperature limit	+60° C
Dielectric strength	2 kv / 15 min
Insulation resistance	> 100 MΩ

**CLASSIFICATION**

4
4
3
1

**APPLICATION STANDARDS: EN 61386-1/2004, EN 61386-21/2004**

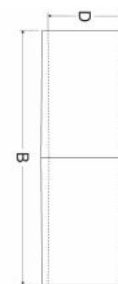


Conduits Connection & Support Accessories

Couplings



CODE	TYPE	FITS WITH PIPES	COLOR	U.M.	PACKAGING (Bag)	PACKAGING (Box)
38-21001-016	16	OD Ø 16 mm	GRAY	PCS	50	400
38-21002-020	20	OD Ø 20 mm	GRAY	PCS	25	250
38-21003-025	25	OD Ø 25 mm	GRAY	PCS	10	150
38-21004-032	32	OD Ø 32 mm	GRAY	PCS	10	80
38-21005-040	40	OD Ø 40 mm	GRAY	PCS	10	150
38-21006-050	50	OD Ø 50 mm	GRAY	PCS	10	150



**GENERAL DESCRIPTION**

- Special coupling for the connection of straight and flexible conduits.
- Water tightness level: IP54.
- Fits with: Spiral COMBO - DOMO - FORTE, Rigid COMBO - DOMO - FORTE.

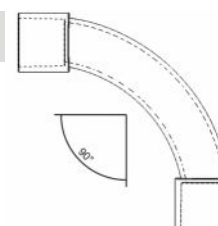
**APPLICATION STANDARDS: EN 61386-1/2004, EN 61386-22/2004**



Bends 90°



CODE	TYPE	FITS WITH PIPES	COLOR	U.M.	PACKAGING (Bag)	PACKAGING (Box)
39-21007-016	16	OD Ø 16 mm	GRAY	PCS	50	200
39-21008-020	20	OD Ø 20 mm	GRAY	PCS	25	100
39-21009-025	25	OD Ø 25 mm	GRAY	PCS	10	50
39-20010-032	32	OD Ø 32 mm	GRAY	PCS	10	80
39-20011-040	40	OD Ø 40 mm	GRAY	PCS	5	100
39-20012-050	50	OD Ø 50 mm	GRAY	PCS	5	100



**GENERAL DESCRIPTION**

- Fixed special bend for the connection of straight and flexible conduits.
- Water tightness level: IP 54.
- Fits with: Spiral COMBO - DOMO - FORTE, Rigid COMBO - DOMO - FORTE.

**APPLICATION STANDARDS: EN 61386-1/2004, EN 61386-22/2004**



Inspectionable Bends 90°



CODE	TYPE	FITS WITH PIPES	COLOR	U.M.	PACKAGING (Bag)	PACKAGING (Box)
36-20001-016	16	OD Ø 16 mm	GRAY	PCS	10	600
36-20002-020	20	OD Ø 20 mm	GRAY	PCS	10	500
36-20003-025	25	OD Ø 25 mm	GRAY	PCS	10	300
36-20004-032	32	OD Ø 32 mm	GRAY	PCS	10	200

**GENERAL DESCRIPTION**

- Fixed for the connection of straight and flexible conduits.
- Splittable to 2 pieces – ability to control cables.
- Water tightness level: IP 44.
- Fits with: Spiral COMBO - DOMO - FORTE, Rigid COMBO - DOMO - FORTE.

**APPLICATION STANDARDS: EN 61386-1/2004, EN 61386-22/2004**



Inspectionable „T” Joint



CODE	TYPE	FITS WITH PIPES	COLOR	U.M.	PACKAGING (Bag)	PACKAGING (Box)
37-20001-016	16	OD Ø 16 mm	GRAY	PCS	10	500
37-20002-020	20	OD Ø 20 mm	GRAY	PCS	10	300
37-20003-025	25	OD Ø 25 mm	GRAY	PCS	10	200
37-20004-032	32	OD Ø 32 mm	GRAY	PCS	10	100

**GENERAL DESCRIPTION**

- Special for the connection of straight and flexible conduits.
- Splittable to 2 pieces – ability to control cables.
- Water tightness level: IP 44.
- Fits with: Spiral COMBO - DOMO - FORTE, Rigid COMBO - DOMO - FORTE.

**APPLICATION STANDARDS: EN 61386-1/2004, EN 61386-22/2004**

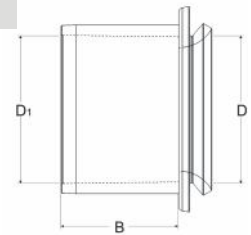


Conduits Connection & Support Accessories

Conduit - Box Joint



CODE	TYPE	FITS WITH PIPES	COLOR	U.M.	PACKAGING (Box)
33-21001-016	16D23	Ø 16	GRAY	PCS	200
33-21007-016	16D29	Ø 16	GRAY	PCS	200
33-21002-020	20D23	Ø 20	GRAY	PCS	200
33-21008-020	20D29	Ø 20	GRAY	PCS	150
33-21009-025	25D29	Ø 25	GRAY	PCS	150



GENERAL DESCRIPTION

- Elastic connection of watertight boxes with straight and flexible conduits.
- Water tightness level: IP 54.
- Fits with: WATERTIGHT boxes, Rigid COMBO - DOMO - FORTE, Spiral COMBO - DOMO - FORTE.

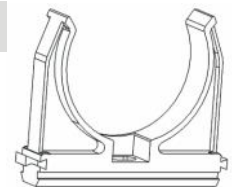
APPLICATION STANDARDS: EN 61386-1/2004, EN 61386-22/2004



Snap Conduit Clips



CODE	TYPE	FITS WITH PIPES	COLOR	U.M.	PACKAGING (Box)
34-21001-016	16	OD Ø 16 mm	GRAY	PCS	100
34-21002-020	20	OD Ø 20 mm	GRAY	PCS	100
34-21003-025	25	OD Ø 25 mm	GRAY	PCS	100
34-21004-032	32	OD Ø 32 mm	GRAY	PCS	100
34-21005-040	40	OD Ø 40 mm	GRAY	PCS	50
34-21006-050	50	OD Ø 50 mm	GRAY	PCS	50



GENERAL DESCRIPTION

- Installation of straight and flexible conduits (Wall mounted – Floor mounted).
- Ability to connect and assemble on a rail.
- Fits with: Spiral COMBO - DOMO - FORTE, Rigid COMBO - DOMO - FORTE.

APPLICATION STANDARDS: EN 61386-1/2004, EN 61386-22/2004



Proposed support installation interval for Rigid COMBO - DOMO FORTE (+25°C) Conduits

TYPE	16	20	25	32	40	50
Distance / cm	60	60	60	50	70	70





# Halogen Free Conduits

# 07

HALOGEN FREE Flexible Conduits

COMBO HALOGEN FREE Flexible Conduits Easy Type 320N



CODE	TYPE	DIMENSIONS		COLOR	U.M.	LENGTH	PACKAGING
		EXT Ø mm	INT Ø mm				
31-21070-016	16	16	10,7	GREY	M	100	100
31-21071-020	20	20	14,1	GREY	M	100	100
31-21072-025	25	25	18,3	GREY	M	50	50
31-21073-032	32	32	24,3	GREY	M	25	25
31-21074-040	40	40	31,2	GREY	M	25	25
31-21075-050	50	50	39,6	GREY	M	25	25

**GENERAL DESCRIPTION**

- Corrugated (spiral), pliable.
- Suitable for light mechanical loads.
- Made of Polypropilene (PP).
- Self extinguishing; flame retardant.

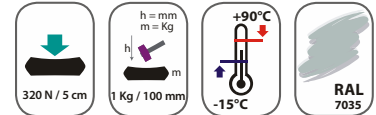
**PROPERTIES**

Resistance to compression - (compression force) at 22 ±2 °C  
 Resistance to Impact - (Weight mass / Fall Height) at -5 °C  
 Minimum temperature limit  
 Maximum temperature limit  
 Dielectric strength  
 Insulation resistance

**CLASSIFICATION**

> 320 N / 5cm 2  
 m:1kg / h:100mm 2  
 -15° C 3  
 +90° C 2  
 2 kv / 15 min  
 > 100 MΩ

**APPLICATION STANDARDS:** EN 61386-1/2004, EN 61386-21/2004



DOMO HALOGEN FREE Flexible Conduits Medium Type 750N



CODE	TYPE	DIMENSIONS		COLOR	U.M.	LENGTH	PACKAGING
		EXT Ø mm	INT Ø mm				
31-21080-016	16	16	10,7	GREY	M	100	100
31-21081-020	20	20	14,1	GREY	M	100	100
31-21082-025	25	25	18,3	GREY	M	50	50
31-21083-032	32	32	24,3	GREY	M	50	50
31-21084-040	40	40	31,2	GREY	M	50	50
31-21085-050	50	50	39,6	GREY	M	25	25

**GENERAL DESCRIPTION**

- Corrugated (spiral), pliable.
- Suitable for medium mechanical loads.
- Made of Polypropilene (PP).
- Self extinguishing; flame retardant.

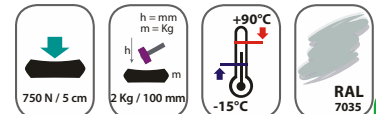
**PROPERTIES**

Resistance to compression - (compression force) at 22 ±2 °C  
 Resistance to Impact - (Weight mass / Fall Height) at -5 °C  
 Minimum temperature limit  
 Maximum temperature limit  
 Dielectric strength  
 Insulation resistance

**CLASSIFICATION**

> 750 N / 5cm 3  
 m:2kg / h:100mm 3  
 -15° C 3  
 +90° C 2  
 2 kv / 15 min  
 > 100 MΩ

**APPLICATION STANDARDS:** EN 61386-1/2004, EN 61386-21/2004



HALOGEN FREE Rigid Conduits

COMBO HALOGEN FREE Rigid Conduits Easy Type 320N



CODE	TYPE	DIMENSIONS		COLOR	U.M.	LENGTH	PACKAGING
		EXT Ø mm	INT Ø mm				
30-21070-016	16	16	13,5	GREY	M	3	102
30-21071-020	20	20	17,3	GREY	M	3	102
30-21072-025	25	25	22,1	GREY	M	3	75
30-21073-032	32	32	28,9	GREY	M	3	51
30-21074-040	40	40	36,6	GREY	M	3	51
30-21075-050	50	50	46,1	GREY	M	3	51

**GENERAL DESCRIPTION**

- Rigid.
- Suitable for light mechanical loads.
- Made of Polypropilene (PP).
- Self extinguishing; flame retardant.

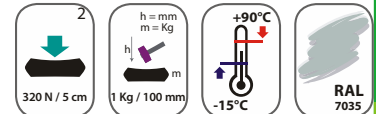
**PROPERTIES**

Resistance to compression - (compression force) at 22 ±2 °C  
 Resistance to Impact - (Weight mass / Fall Height) at -5 °C  
 Minimum temperature limit  
 Maximum temperature limit  
 Dielectric strength  
 Insulation resistance

**CLASSIFICATION**

> 320 N / 5cm 2  
 m:1kg / h:100mm 2  
 -15° C 3  
 +90° C 2  
 2 kv / 15 min  
 > 100 MΩ

**APPLICATION STANDARDS:** EN 61386-1/2004, EN 61386-21/2004

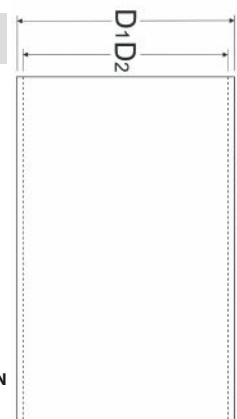


**HALOGEN FREE Rigid Conduits**

**DOMO HALOGEN FREE Rigid Conduits Medium Type 750N**



CODE	TYPE	DIMENSIONS		COLOR	U.M.	LENGTH	PACKAGING
		EXT Ø mm	INT Ø mm				
30-21080-016	16	16	12,8	GREY	M	3	102
30-21081-020	20	20	16,6	GREY	M	3	102
30-21082-025	25	25	21,3	GREY	M	3	75
30-21083-032	32	32	28	GREY	M	3	51
30-21084-040	40	40	35,6	GREY	M	3	51
30-21085-050	50	50	45,2	GREY	M	3	51



**GENERAL DESCRIPTION**

- Rigid.
- Suitable for medium mechanical loads.
- Made of Polypropilene (PP).
- Self extinguishing; flame retardant.

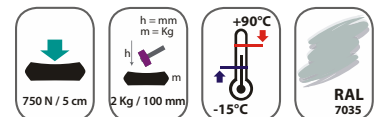
**PROPERTIES**

- Resistance to compression - (compression force) at 22 ±2 °C
- Resistance to Impact - (Weight mass / Fall Height) at -5 °C
- Minimum temperature limit
- Maximum temperature limit
- Dielectric strength
- Insulation resistance

**CLASSIFICATION**

- > 750 N / 5cm
- m:2kg / h:100mm
- 15° C
- +90° C
- 2 kv / 15 min
- > 100 MΩ

**APPLICATION STANDARDS: EN 61386-1/2004, EN 61386-21/2004**



**HALOGEN FREE Conduits Connection & Support Accessories**

**HALOGEN FREE Couplings**



CODE	TYPE	FITS WITH PIPES	COLOR	U.M.	PACKAGING (Bag)
38-21070-016	16	OD Ø 16 mm	GREY	PCS.	100
38-21071-020	20	OD Ø 20 mm	GREY	PCS.	100
38-21072-025	25	OD Ø 25 mm	GREY	PCS.	100
38-21073-032	32	OD Ø 32 mm	GREY	PCS.	100



**GENERAL DESCRIPTION**

- Made of Polypropilene (PP).
- Self extinguishing; flame retardant.
- Installation of straight and flexible conduits (Wall mounted – Floor mounted).
- Fits with: HALOGEN FREE Spiral COMBO - DOMO, Rigid COMBO - DOMO .

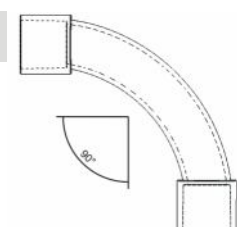
**APPLICATION STANDARDS: EN 61386-1/2004, EN 61386-23/2004**



**HALOGEN FREE Bends 90°**



CODE	TYPE	FITS WITH PIPES	COLOR	U.M.	PACKAGING (Bag)
39-21070-016	16	OD Ø 16 mm	GREY	PCS.	200
39-21071-020	20	OD Ø 20 mm	GREY	PCS.	100
39-21072-025	25	OD Ø 25 mm	GREY	PCS.	50
39-21073-032	32	OD Ø 32 mm	GREY	PCS.	50



**GENERAL DESCRIPTION**

- Made of Polypropilene (PP).
- Self extinguishing; flame retardant.
- Installation of straight and flexible conduits (Wall mounted – Floor mounted).
- Fits with: HALOGEN FREE Spiral COMBO - DOMO, Rigid COMBO - DOMO .

**APPLICATION STANDARDS: EN 61386-1/2004, EN 61386-23/2004**



## HALOGEN FREE Conduits Connection & Support Accessories

### HALOGEN FREE Inspectionable „T” Joint



CODE	TYPE	FITS WITH PIPES	COLOR	U.M.	PACKAGING (Bag)
37-21070-016	16	OD Ø 16 mm	GREY	PCS.	100
37-21071-020	20	OD Ø 20 mm	GREY	PCS.	100
37-21072-025	25	OD Ø 25 mm	GREY	PCS.	50
37-21073-032	32	OD Ø 32 mm	GREY	PCS.	50

**GENERAL DESCRIPTION**

- Made of Polypropilene (PP).
- Self extinguishing; flame retardant.
- Installation of straight and flexible conduits (Wall mounted – Floor mounted).
- Fits with: HALOGEN FREE Spiral COMBO - DOMO, Rigid COMBO - DOMO .

**APPLICATION STANDARDS: EN 61386-1/2004, EN 61386-23/2004**



### HALOGEN FREE Snap Conduit Clips



CODE	TYPE	FITS WITH PIPES	COLOR	U.M.	PACKAGING (Bag)
34-21070-016	16	OD Ø 16 mm	GREY	PCS.	200
34-21071-020	20	OD Ø 20 mm	GREY	PCS.	100
34-21072-025	25	OD Ø 25 mm	GREY	PCS.	50
34-21073-032	32	OD Ø 32 mm	GREY	PCS.	50

**GENERAL DESCRIPTION**

- Made of Polypropilene (PP).
- Self extinguishing; flame retardant.
- Installation of straight and flexible conduits (Wall mounted – Floor mounted).
- Fits with: HALOGEN FREE Spiral COMBO - DOMO, Rigid COMBO - DOMO .

**APPLICATION STANDARDS: EN 61386-1/2004, EN 61386-23/2004**

