

Material
Rigid PVC
self extinguishing
Colour
Grey RAL 7030
Standard length
2 metres
Standard unit supplied:
Duct complete with cover



Standard Slotted Duct

This duct is ideal for wiring large sized cables usually employed in power panels. With thick side and base, it has a strong construction and maximum application stability. It has strong holding under heavy wiring as well as longer durability and reliability.

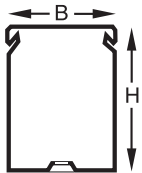
It is available in a wide range of heights for space optimisation inside an electric panel.



Base 15-25 x 30



Base 25-40-60-80-100-120-150



Detail of duct body/cover coupling for maximum wire retention and maximum solidity.

Dimensions (mm)				Section mm ²	Standard pack (metres)	Cat. No.
B	H	E	F			
15	18	5	7.5	200	72	T1 15-18
25	30	5	7.5	610	72	T1 25-30
25	40	8	12	820	72	T1 25-40
40	40	8	12	1360	40	T1 40-40
60	40	8	12	1970	24	T1 60-40
80	40	8	12	2680	24	T1 80-40
100	40	8	12	3380	16	T1 100-40
25	60	8	12	1190	48	T1 25-60
40	60	8	12	2040	36	T1 40-60
60	60	8	12	3080	24	T1 60-60
80	60	8	12	4150	24	T1 80-60
100	60	8	12	5250	16	T1 100-60
120	60	8	12	6300	16	T1 120-60
25	80	8	12	1550	48	T1 25-80
40	80	8	12	2700	32	T1 40-80
60	80	8	12	4140	24	T1 60-80
80	80	8	12	5660	24	T1 80-80
100	80	8	12	7150	16	T1 100-80
120	80	8	12	8630	16	T1 120-80
25	100	8	12	7020	8	T1 25-100
40	100	8	12	3310	16	T1 40-100
60	100	8	12	5140	8	T1 60-100
80	100	8	12	7020	8	T1 80-100
100	100	8	12	8920	8	T1 100-100
150	100	8	12	13570	8	T1 150-100



Two predetermined break lines:
- for breaking off and removal of sidewall finger segments only.
- for removal of sidewall finger and base segments.



Burr-free edges for avoiding damage to the panel or electrician's hand.



Patented recess boss for rapid mounting of components.

BOCCHIOTTI wiring products respond to all installation needs, coping with different uses and environmental applications. They are manufactured with high quality materials that undergo severe quality controls and performance tests under extreme operating and duration conditions with a constant control of quality standards.

- WIRING DUCTS, SEP-E and CL are manufactured in rigid self extinguishing PVC
- Those components for which high bending resilience is required are in polyamide 6 and polypropylene
- SPIRALITE is manufactured in natural polyethylene and self extinguishing polyethylene

MATERIALS		RIGID PVC	POLYPROPYLENE	POLYAMIDE 6	POLYETHYLENE	FLAME RETARDANT POLYETHYLENE
CHARACTERISTICS AND PROPERTIES	UNIT OF MEASURE					
PHYSICAL CHARACTERISTICS						
Specific gravity	g/cm ³	1.55	0.95	1.14	0.92	0.97
Water absorption at 23°	%	< 0.1	< 0.1	2.5	< 0.1	< 0.1
Formaldehyde	ppm	absent	absent	absent	absent	absent
Cadmium	ppm	absent	absent	absent	absent	absent
MECHANICAL CHARACTERISTICS						
Max. tensile stress	MPa	39	24	45	17	15
Tensile yield point	MPa	44	28	55	9.5	9
Elongation at break	%	130	200	250	400	600
Modulus of elasticity to tensile strength	MPa	4400	-	950	-	240
Modulus of elasticity to tensile flexion	MPa	3200	1500	1100	210	130
THERMAL CHARACTERISTICS						
VICAT Temperature	°C	84	95	198	89	-
Operating temperature	°C	+60/-5	-	-	-	-
HDT temperature	°C	72	90	185	-	-
Thermal expansion factor	°K ⁻¹	6 · 10 ⁻⁵	14 · 10 ⁻⁵	8 · 10 · 10 ⁻⁵	22 · 10 ⁻⁵	10 ⁻⁵
Specific heat	kJ/kgK	0.94	-	1.7	-	-
Thermal conductivity	W/mK	0.14	0.21	0.29	0.32	0.32
ELECTRICAL CHARACTERISTICS						
Dielectric strength	Adim.	3.2 - 4.0	2.4	5.0	2.4	2.3
Dielectric resistance	kV/mm.	70	75	35	90	90
Surface resistance	Ohm	10 ¹³	10 ¹³	5 · 10 ¹¹	10 ¹³	10 ¹³
SELF EXTINGUISHING CHARACTERISTICS						
1.6 mm Self extinguishing	Adim.	V0	V2	V2	HB	V2
3.2 mm Self extinguishing	Adim.	V0	V2	V2	HB	V2
Glow wire test (2 mm)	°C	960	850	650	650	850
CSTB classification	Adim.	M1(RAL7030)	-	-	-	-
Oxygen number	%	43	25	25	-	25

Resistance to chemical agents: These plastic materials are known to be resistant to alcohol, acids and basic substances.

NO OZONE DEPLETING SUBSTANCES

The Istituto di Ricerche BREDA (Technical Report No. 94106/AC/287 of 29/06/94) has certified that no ozone depleting substances are contained in any of the plastic materials or production processes employed by Bocchiotti S.p.A.

The properties declared herein above have only the value of technical information based on the average results obtained from tests carried out, and in any case, do not involve the liability of the manufacturer or NHP.

The right to change specifications and appearance of the products illustrated in this catalogue without prior notice is reserved.

WIRING DUCT AND COMPONENTS

The most extensive line of wiring duct and components

Bocchiotti wiring systems feature excellent assembly functionality and are ideal for any type of power and control panel where performance remains unaltered over time even under the heaviest operating conditions.

The reliability and durability of these products is guaranteed by a very severe selection of raw materials employed for their production and rigorous process controls.

Their superior quality is a guarantee of product compliance with all major national and international standards.

The full range, featuring state-of-the-art technical solutions, includes 120 types of ducts with different side slot openings, size and colours, in addition to several functional components and accessories including universal spiral wrapping and galvanic zinc plating steel DIN rails.

