

IBOCO® Wire Duct – Covers



Duct Cover

Our standard wire duct products are supplied complete with covers. These replacement covers are manufactured from the same rigid self-extinguishing PVC material.

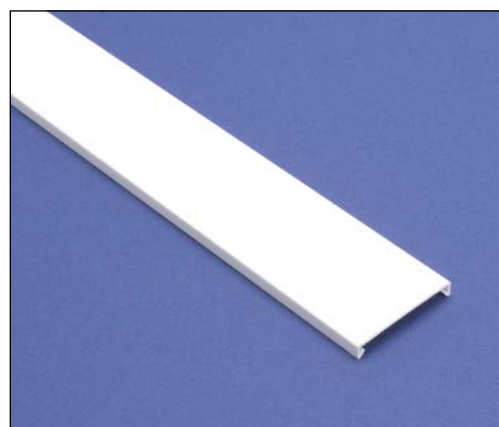
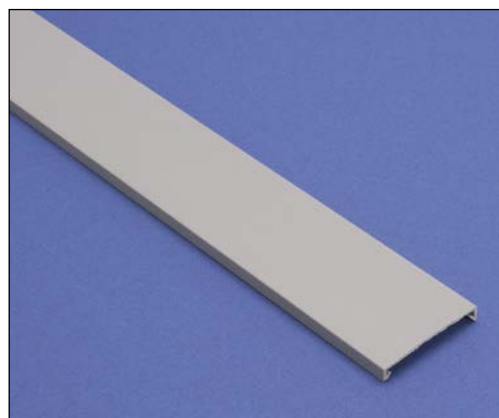
UL Recognized file # E123572



Duct Cover Specifications

Part Number	Price	Description	Color	Qty	Actual Total Length ft [m]
<u>COV-05G-1</u>	\$5.00	Cover for 0.5" wide duct	Gray	1	6.56 [2]
<u>COV-10G-1</u>	\$5.00	Cover for 1.0" wide duct	Gray	1	
<u>COV-10W-1</u>	\$5.00	Cover for 1.0" wide duct	White	1	
<u>COV-15G-1</u>	\$6.50	Cover for 1.5" wide duct	Gray	1	
<u>COV-15W-1</u>	\$6.50	Cover for 1.5" wide duct	White	1	
<u>COV-22G-1</u>	\$8.25	Cover for 2.25" wide duct	Gray	1	
<u>COV-22W-1</u>	\$8.25	Cover for 2.25" wide duct	White	1	
<u>COV-30G-1</u>	\$12.00	Cover for 3.0" wide duct	Gray	1	
<u>COV-30W-1</u>	\$12.00	Cover for 3.0" wide duct	White	1	
<u>COV-40G-1</u>	\$14.50	Cover for 4.0" wide duct	Gray	1	
<u>COV-40W-1</u>	\$14.50	Cover for 4.0" wide duct	White	1	
<u>COV-60G-1</u>	\$28.00	Cover for 6.0" wide duct	Gray	1	
<u>COV-60W-1</u>	\$28.00	Cover for 6.0" wide duct	White	1	

Note: Standard length of covers is 6.56 feet [2m] to fit T1, T1E, and TSH duct.




IBOCO®

Wire Duct – Material Specifications

Material Specifications								
Materials	Test Standard	Unit of Measure	Rigid PVC	Polypropylene	PVC Molded Components	Polyamide 6	Polyethylene	Flame Retardant Polyethylene
Technical Characteristics								
Chemical/Physical Properties								
Specific Gravity	ASTM D792	g/cm³	1.55	1.01	1.32	1.14	0.92	0.97
H ₂ O 73.4°F Absorption	ISO 62	%	< 0.1	0.02	< 0.1	2.5	< 0.1	< 0.1
Formaldehyde	–	ppm	absent	absent	absent	absent	absent	absent
Cadmium	–	ppm	absent	absent	absent	absent	absent	absent
Mechanical Properties								
Tensile Stress at Break	ASTM D638	MPa	39	28	30	45	17	15
Traction Strength	ASTM D638	MPa	44	27	27	55	9.5	9
Elongation at Break	ASTM D638	%	130	200	97	250	400	600
Modulus of Elasticity at Traction	ASTM D638	MPa	4400	n/a	–	950	–	240
Modulus of Elasticity at Flexion	ASTM D790	MPa	3200	2100	–	1100	210	130
Thermal Properties								
Temperature VICAT	ASTM D1525	°C	84	95	70	198	89	–
HDT	ASTM D648	°C	72	60	60	185	–	–
Coefficient of Expansion	ASTM D696	K ⁻¹	6x10 ⁻⁵	10 ⁻⁵	8x10 ⁻⁵	8-10x10 ⁻⁵	22x10 ⁻⁵	10 ⁻⁵
Specific Heat	ASTM C351	kJ/kgK	0.94	n/a	1.24	1.7	–	–
Thermal Conductivity	ASTM C177	W/mK	0.14	0.21	0.14	0.29	0.32	0.32
Electrical Properties								
Dielectric Constant	ASTM D150	–	3.2 - 4.0	2.5	3.2	5.0	2.4	2.3
Dielectric Strength	IEC 243	kV/mm	70	25	60	35	90	90
Surface Resistance	IEC 93	Ω	10 ¹³	10 ¹³	10 ¹³	5x10 ¹¹	10 ¹³	10 ¹³
Self-Extinguishing								
Self-Extinguishing UL 94 1.6 mm	UL 94	–	V-0	V-0	V-0	V-2	HB	V-2
Self-Extinguishing UL 94 3.2 mm	UL 94	–	V-0	V-0	V-0	V-2	HB	V-2
Hot Wire Test (2 mm)	IEC 695-2-1	°C	960	960	960	650	650	850
Oxygen Number	ASTM D2863	%	43	30	34	25	–	25