



FFKuS-EM-F-105 co2ntrol 33532



Product description:

FFKuS-EM-F-105 co2ntrol® is a medium-duty CO2-reduced corrugated plastic conduit with low-friction inner surface made of special plastic, plastic jacketing, non-flame propagating, available in magenta. The green print marks the CO2-reduced product line.

This corrugated plastic conduit is used for cavity wall and underground installations and for installation in concrete. Advantages are its high-temperature resistance up to 105 °C and the low-friction inner surface of types 20 and 25. This allows the easy insertion of cables and wires over long distances.



Minimum compressive strength: 750 N/5 cm
DIN EN 61386-22 (VDE 0605-22)



Special features

The CO2-reduced product line includes the products FBY-EL-F co2ntrol® and FFKuS-EM-F-105 co2ntrol®. These CO2-reduced products were subjected to a systematic analysis of all input and output flows across the entire product life according to DIN EN ISO 14040 and DIN EN ISO 14044. EPDs (environmental product declarations) were prepared for this and certified by the independent verification body IBU (Institut Bauen und Umwelt e.V.) according to DIN EN ISO 14025 and DIN EN 15804.

Cat. No.:	Type	Inside Ø mm	Outside Ø mm	Content	PU	Weight PU/kg	Pallet content m	Bend radius > mm
256 12 016*	16	9,9	16	50	m	4,000	2.000	70
256 12 020**	20	13,0	20	50	m	5,100	1.400	90
256 12 025**	25	17,4	25	50	m	7,350	1.000	110
256 12 032	32	22,9	32	25	m	5,125	700	130
256 12 040*	40	29,7	40	25	m	6,750	200	170
256 12 050*	50	38,4	50	25	m	8,400	150	220
256 12 063*	63	49,1	63	25	m	10,925	125	300

Classification	Code	Meaning	Classification	Code	Meaning
Compressive strength	3	medium (750 N)	Protection against solids	4	Foreign matter >= 1.0 mm
Impact strength	3	medium (2.0 kg/100 mm)	Protection against water	0	Not specified
Minimum temperature	5	- 45 °C	Corrosion protection	0	Not specified
Maximum temperature	3	+ 105 °C	Tensile strength	0	Not defined
Bending behaviour	2	pliable	Fire behaviour	1	Non flame propagating
Electrical characteristics	2	Insulation	Suspended load	0	Not defined

Standardisation

EN 61386-1:2008 + A1:2019 Conduit systems for cable management - Part 1: General requirements / Source: Official Journal of the European Union of 16 May 2014 / Applied in full

EN IEC 61386-22:2021 Conduit systems for cable management - Part 22: Particular requirements - Pliable conduit systems / Source: Official Journal of the European Union of 16 May 2014 / Applied in full

Outside diameter according to DIN EN 60423/IEC 60423

* available upon request

** with low-friction inner surface

All dimensions without tolerances are for information only.

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Subject to change without notice.

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Material properties		
Zero halogen	EN 50642	
Low smoke	DIN EN 61034-2	
Non-flame propagating	DIN EN 61386-1	•
UV-resistant	DIN EN ISO 4892-1	
Hightspeed		•

Fields of application		
on plaster	• machines	•
under plaster	• hot asphalt	
on wood	• under screed	•
underground installation	• prefabricated construction	•
in concrete	• outdoor	

Accessories		
Push-fit coupling	RMKu-E	259 30 ...
Push-fit coupling	SMSKu-EZF	259 50 ...
Plug	FRVS-E	259 70 ...
Plug	FWVS-E	259 75 ...
Clamp	clipfix grey	223 70 ...
Threaded connector	E-Lock	259 58 ...
Adapter coupling	SMSKu-UE	259 57 ...

Risk analysis

The product has been manufactured and tested according to the harmonized standards 61386-1 and 61386-22 in the sense of harmonization legislation of the EU. All safety-relevant tests have been adhered to. This product poses no further risk.

Hotline

Since technical developments cannot be foreseen, electrical installations should provide the possibility to be expanded at any time.

Information can be obtained from our technical consultants at +49 9525 88-8123

