



Type GF (braided conduit)



Product information

The GF braided conduits are made of specially modified polyamide 6.6. With this material and the special braiding, the conduit is extremely durable and elastic in both the radial and axial directions.

The GF braided conduit is used to bundle and protect a large number of cables and individual wires of all types. The elastic braiding means that configuration of the conduit can be very variable.

The SAT-GF conduit connection serves as an end piece for the braided conduits.

Additional advantages of the GF braided conduit include:

- Very good mechanical and thermal resistance
- Good chemical resistance
- High flexibility
- Very high abrasion resistance



Information, conformities and approvals



Article	Order No.	Color	Nominal widths NW	Suitable for SAT-GF	Size range mm	Surface covering in %	Weight kg/100m	PU m
GF 4 ¹⁾	83341010	Black	4		3 / 7	93	0.7	200
GF 6 ¹⁾	83341012	Black	6		5 / 9	86	0.7	200
GF 8 ¹⁾	83341014	Black	8	SAT-GF M16/P11	7 / 16	87	1.0	200
GF 10 ¹⁾	83341016	Black	10	SAT-GF M16/P11	8 / 15	77	1.3	200
GF 12 ¹⁾	83341018	Black	12	SAT-GF M16/P11	8 / 15	74	1.6	200
GF 16 ¹⁾	83341020	Black	16	SAT-GF M20/P16	12 / 24	80	1.7	100
GF 20 ¹⁾	83341022	Black	20	SAT-GF M25/P21	16 / 32	75	2.5	100
GF 22 ¹⁾	83341024	Black	22	SAT-GF M25/P21	18 / 33	84	2.6	100
GF 30 ¹⁾	83341026	Black	30	SAT-GF M32/P29	28 / 37	78	2.5	100
GF 40 ¹⁾	83341028	Black	40	SAT-GF M40/P36	32 / 45	77	4.0	50
GF 50 ¹⁾	83341030	Black	50	SAT-GF M50/P48	30 / 55	79	5.0	50



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GF 70 ¹⁾	83341032	Black	70		60 / 88	84	5.4	50
GF 4 ¹⁾	83341050	Gray	4		3 / 7	93	0.45	200
GF 6 ¹⁾	83341052	Gray	6		5 / 9	86	0.57	200
GF 8 ¹⁾	83341054	Gray	8	SAT-GF M16/P11	7 / 16	87	0.81	200
GF 10 ¹⁾	83341056	Gray	10	SAT-GF M16/P11	8 / 15	77	0.76	200
GF 12 ¹⁾	83341058	Gray	12	SAT-GF M16/P11	8 / 15	74	0.8	200
GF 16 ¹⁾	83341060	Gray	16	SAT-GF M20/P16	12 / 24	80	1.31	100
GF 20 ¹⁾	83341062	Gray	20	SAT-GF M25/P21	16 / 32	75	1.41	100
GF 22 ¹⁾	83341064	Gray	22	SAT-GF M25/P21	18 / 33	84	1.9	100
GF 30 ¹⁾	83341066	Gray	30	SAT-GF M32/P29	28 / 37	78	2.17	100
GF 40 ¹⁾	83341068	Gray	40	SAT-GF M40/P36	32 / 45	77	2.88	50
GF 50 ¹⁾	83341070	Gray	50	SAT-GF M50/P48	30 / 55	79	3.62	50
GF 70 ¹⁾	83341072	Gray	70		60 / 88	84	5.95	50
¹⁾ Discontinued product!								



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Material properties



mod. polyamide PA 6.6

Thermal properties



Temperature / temperature range -55 °C – 125 °C
short termshort term: 150 °C

Fire properties



Fire classification acc. to
UL94: V2 self-extinguishing

Chemical resistance



Resistant to: Fuels, Greases, Mineral oils

Technical information



Halogen-free

Conformity



RoHS (EC Directive
2011/65/EU)