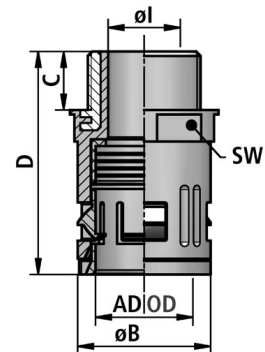


RQGK-M | metric thread

Connectors FLEXAquick for ROHRflex corrugated plastic tubings

Plastic connector, quick-type, straight, metric nickel-plated brass outer thread, integrated snap-in sleeve with sealing, high density, EN 45545-2 (HL3), incl. O-ring (OR) and flat sealing (FRH)



Temperature:	-40°C ... +120°C
Material:	PA plastics nickel-plated brass 58
IP class [acc. to EN 60529]:	IP 68 IP 69K

APPLICATIONS:

- Application: machine and plant constructions / automotive / railway industry / shipbuilding / automation / electrical installations

CHARACTERISTICS:

- Properties: resistant against oil and benzine
- widely resistant to acids and solvents
- free of silicone, cadmium, halogen
- fit for high mechanical stress
- impact-resistant
- high torque of thread connection



Characteristics	Unit	Value	Test
Mechanical characteristics			
Tensile E-Modulus	MPa	1250-3500	ISO 527
Tensile strengt at yield	MPa	50-80	ISO 527
Notched impact strength	kJ/m2	3-15	ISO 179/1eA
Thermal characteristics			
Temperature range	°C	-40°C ... +120°C	
Flame characteristics			
Free of halogen and phosphor		yes	DIN 53474
Flame class		V2	UL 94
Light emitting filament check	°C	850	IEC 695
Oxygen index	%	>30	ISO 4589-2
Flammability class		S1	DIN 5510-2
Requirements for fire behaviour		HL3	EN-45545-2
Chemical characteristics			
Resistance to fuels, mineral oils, fats, alkalises, acids and bases		excellent	
Fire performance NFPA 130			
Flammability		compliant	ASTM E 162
Smoke density		compliant	ASTM E 662
Smoke emission toxicity		compliant	Bombardier SMP 800-C



FLEXA No.	OD [mm]	Colour	Thread type	Ø I [mm]	Ø B [mm]	C [mm]	D [mm]	WS [mm]	Weight [kg/100]	PU [pcs.]
15107010212	10,0	Black	M12 x 1,5	7,0	20,0	10,0	38,5	18	1,080	50
15107410212	10,0	Black	M12 x 1,5	7,0	20,0	5,0	33,5	18	0,800	50
15107013212	13,0	Black	M12 x 1,5	7,0	24,0	10,0	40,0	22	1,500	50
15107413212	13,0	Black	M12 x 1,5	7,0	24,0	5,0	35,0	22	1,500	50
15107013216	13,0	Black	M16 x 1,5	8,5	25,0	12,0	42,0	23	1,660	50
15107413216	13,0	Black	M16 x 1,5	8,5	25,0	5,0	35,0	23	1,500	50
15107015216	15,8	Black	M16 x 1,5	10,0	27,0	12,0	42,5	25	1,940	50
15107415216	15,8	Black	M16 x 1,5	10,0	27,0	5,0	36,5	25	1,800	50
15107015220	15,8	Black	M20 x 1,5	11,0	29,0	12,0	43,5	27	2,020	50
15107415220	15,8	Black	M20 x 1,5	11,0	29,0	6,0	37,5	27	1,695	50
15107021220	21,2	Black	M20 x 1,5	15,0	29,5	12,0	48,0	28	2,360	50
15107421220	21,2	Black	M20 x 1,5	15,0	29,5	6,0	44,0	28	2,000	50
15107021225	21,2	Black	M25 x 1,5	16,0	34,0	13,0	49,0	32	3,240	25
15107421225	21,2	Black	M25 x 1,5	16,0	34,0	7,0	44,0	32	2,300	25
15107028225	28,5	Black	M25 x 1,5	18,0	44,0	19,0	54,0	35	3,840	25
15107428225	28,5	Black	M25 x 1,5	18,0	37,0	7,0	47,0	35	3,200	25
15107028232	28,5	Black	M32 x 1,5	20,0	41,0	14,0	54,0	39	5,080	25
15107428232	28,5	Black	M32 x 1,5	20,0	41,0	8,0	48,0	39	4,000	25
15107034232	34,5	Black	M32 x 1,5	24,0	44,0	14,0	57,0	42	5,760	25
15107434232	34,5	Black	M32 x 1,5	24,0	44,0	8,0	52,0	42	4,800	25
15107034240	34,5	Black	M40 x 1,5	27,5	50,0	17,0	64,0	48	6,000	25
15107434240	34,5	Black	M40 x 1,5	27,5	50,0	8,0	55,0	48	5,400	25
15107042240	42,5	Black	M40 x 1,5	32,0	58,0	17,0	76,0	55	9,050	10
15107442240	42,5	Black	M40 x 1,5	32,0	58,0	8,0	67,0	55	7,700	10
15107042250	42,5	Black	M50 x 1,5	37,5	63,0	17,0	76,0	60	14,500	10
15107442250	42,5	Black	M50 x 1,5	37,5	63,0	9,0	68,0	60	13,700	10
15107054250	54,5	Black	M50 x 1,5	39,0	68,0	17,0	88,0	65	14,500	10
15107454250	54,5	Black	M50 x 1,5	39,0	68,0	9,0	80,0	65	15,000	10
15107054263	54,5	Black	M63 x 1,5	49,0	74,0	17,0	88,0	70	23,000	10
15107454263	54,5	Black	M63 x 1,5	49,0	74,0	10,0	81,0	70	22,700	10

³ Article contains up to 4% lead, which is listed in SVHC list.

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