

## RQG2-M | metric thread

### Connectors FLEXAquick for ROHRflex corrugated plastic tubings

Plastic connector, quick-type, straight, metric inner thread, integrated snap-in sleeve with sealing, high density

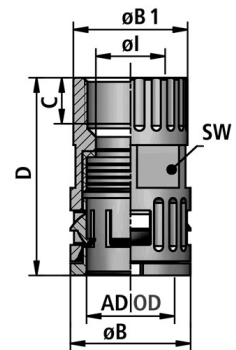
**Temperature:** -40°C ... +120°C

**Material:** PA plastics

**IP class [acc. to EN 60529]:** IP 68 | IP 69K

#### CHARACTERISTICS:

- Properties: resistant against oil and benzine
- widely resistant to acids and solvents
- free of silicone, cadmium, halogen



#### APPLICATIONS:

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



Characteristics	Unit	Value	Test
<b>Mechanical characteristics</b>			
Tensile E-Modulus	MPa	1250 - 3500	ISO 527
Tensile strengt at yield	MPa	50-80	ISO 527
Notched impact strength	kJ/m2		ISO 179/1eA
<b>Thermal characteristics</b>			
Temperature range	°C	-40°C ... +120°C	
<b>Flame characteristics</b>			
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		HL2	EN-45545-2
<b>Chemical characteristics</b>			
Resistance to fuels, mineral oils, fats, alkalises, acids and bases		excellent	
<b>Fire performance NFPA 130</b>			
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]	Ø B1 [mm]	C [mm]	D [mm]	WS [mm]	Weight [kg/100]	PU [pcs.]
15020078201	10,0	Black	M12 x 1,5	7,5	17,0	17,0	9,5	36,5	16	0,450	50
15020078215	13,0	Black	M12 x 1,5	10,0	20,0	23,0	9,5	34,5	18	0,550	50
15020078214	13,0	Black	M16 x 1,5	10,0	20,0	21,0	9,5	36,5	18	0,640	50
15020078216	15,8	Black	M16 x 1,5	12,5	23,0	21,0	9,5	39,0	21	0,760	50
15020078220	21,2	Black	M20 x 1,5	16,5	29,5	24,0	12,5	49,0	27	1,260	50
15020078225	28,5	Black	M25 x 1,5	17,0	37,0	30,0	13,5	54,0	34	2,000	25
15020078232	34,5	Black	M32 x 1,5	24,0	44,0	35,0	15,0	55,5	40	2,200	10
15020078240	42,5	Black	M40 x 1,5	33,0	58,0	44,5	20,0	85,0	55	2,800	10
15020078250	54,5	Black	M50 x 1,5	48,5	68,0	54,5	20,0	86,5	65	4,300	10
15020078263	54,5	Black	M63 x 1,5	48,5	68,0	69,0	25,0	91,0	65	9,500	10
15020078001	10,0	Grey	M12 x 1,5	7,5	17,0	17,0	9,5	36,5	16	0,450	50
15020078015	13,0	Grey	M12 x 1,5	10,0	20,0	23,0	9,5	34,5	18	0,550	50
15020078014	13,0	Grey	M16 x 1,5	10,0	20,0	21,0	9,5	36,5	18	0,640	50
15020078016	15,8	Grey	M16 x 1,5	12,5	23,0	21,0	9,5	39,0	21	0,760	50
15020078020	21,2	Grey	M20 x 1,5	16,5	29,5	24,0	12,5	49,0	27	1,260	50
15020078025	28,5	Grey	M25 x 1,5	17,0	37,0	30,0	13,5	54,0	34	2,000	25
15020078032	34,5	Grey	M32 x 1,5	24,0	44,0	35,0	15,0	55,5	40	2,200	10
15020078040	42,5	Grey	M40 x 1,5	33,0	58,0	44,5	20,0	85,0	55	2,800	10

Recommendations for any areas of applications, products, or product combinations are issued to the best of FLEXA's knowledge and experience. The user is requested to check applicability of FLEXA products to specific applications and purposes prior to the use of the particular products. All documentation, illustrations, and charts published are subject to copyright and must not be copied, changed, used, or modified. Technical drawings, certificates, authorizations, and results by the FLEXA lab will be provided upon request. FLEXA will not be held liable for typographical or other errors and incorrect drawings. Technical modifications are subject to change without prior notice.