



UW-PAR

Corrugated tubes made of modified Polyamid 12

This cable protection conduit was developed specially for robot applications subject to extreme movements. Its advantage is small bending radii with high flexibility and a very good flexural fatigue strength. It is also highly resistant to abrasion with low weight.

Properties / Technical data

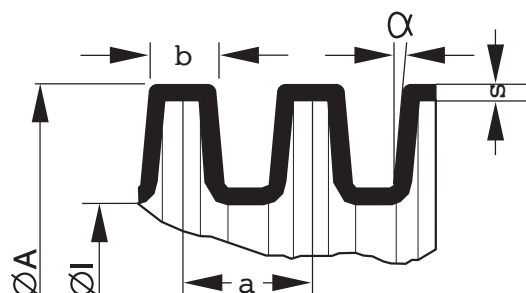
Continous use temperature	- 40 °C till + 120 °C
Brief application temperature	+ 150 °C
Density (ISO R 1183)	1,03 g/cm ³
Moisture absorption	1,1 %
Yield stress (ISO 527-1/2)	370 MPa
Elongation (SO 527-1/2)	42 MPa
Dielectric strength (ISO 527-1/2)	> 200 %
Abrasion (DIN 53 516)	40 m friction way 47
Inflammability	UL94-HB

Chemical stabilities (in direct contact)

Gasolines with 23°C	well steadily
Brake fluids with 23°C	well steadily
Antifreeze (+H ₂ O) with 23°C	well steadily
Cleaning agent with 23°C	well steadily
Lubricant and fat with 23°C	well steadily
Acids (strongly diluted)	moderately steadily
Acids generally	inconstantly



We certify that the values provided are as accurate as possible. Use of these values, however, remains the sole responsibility of the customer and cannot in any way substitute for testing the product under real conditions of use. The user must asses wether this product is suitable for a particular use. BOXCO shall not be held responsible for any loss or anomaly resulting from the correct or incorrect use of this product.



Part no	NW inner (mm)	Profile f = fine, c = course	Fittings	Ø A mm	Ø I mm	A mm	B mm	s mm	Standars lengths Ring (m)	Standars lengths Box (m)
804 085 01	8.5	f	n.v	11.2	8.5	2.4	1.5	0.2	50	2500
804 100 01	10	f	Pg9 / M12	13	9.8	2.7	1.8	0.25	50	2400
804 120 01	12	f	Pg11 / M16	15.8	12.0	3.1	2.2	0.3	50	1800
804 160 21	16 b	g	Pg16 / M20	21	16.6	4,00	2.9	0.3	50	1200
804 170 01	17	f	Pg16 / M20	21	16.8	3.3	2.3	0.3	50	1200
804 210 21	21 b	g	Pg21 / M25	28.5	22.0	4,00	3.4	0.4	50	1000
804 230 01	23	f	Pg21 / M25	28.5	22.9	3.4	2.3	0.4	50	1000
804 290 21	29 b	g	Pg29 / M32	34.5	27.5	5,00	3.4	0.4	25	500
804 290 01	29	f	Pg29 / M32	34.5	28.9	3.4	2,10	0.4	25	500
804 360 21	36 b	g	Pg36 / M40	42.5	35.2	5.8	4.1	0.45	25	250
804 480 21	48 b	g	Pg48 / M50	54.5	46.5	5,80	4.1	0.45	25	150
804 700 01	70	f	Pg48 / M51	77	65,1	8.6	5.1	0.7	25	75
804 900 01	90	f	Pg48 / M52	106	91.5	8.6	5.1	0.8	10	40

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