



UW-PAHL

Corrugated tubes made of a modified Polyamid 6

PAHL-corrugated tubes are made of a Polyamid 6, which is modified with a special heat stabilizer, in order to achieve a particularly high heat deflection temperature.

UW-PAHL-corrugated tubes are both halogen-, and cadmium-free and UV-resistant.

Properties / Technical data

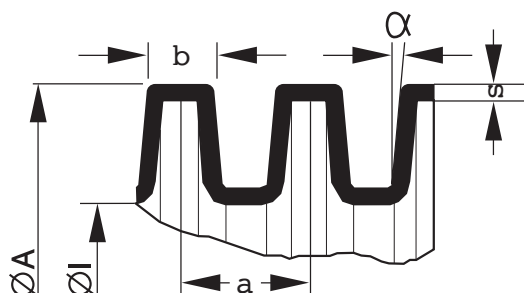
Continuous use temperature	- 40 °C till + 140 °C
Brief application temperature	+ 160 °C
Density (DIN 53 479)	1,12 till 1,15 g/cm ³
Moisture absorption	2,5 till 3 %
Yield stress (DIN 53 455)	40 - 70 MPa
Elongation (DIN 53 455)	50 - 200 %
E - Modul (DIN 53 457)	1200 - 2000 MPa
Dielectric strength (DIN 53 453)	without break
Tensile impact strength (DIN 53 453)	without break
Inflammability	FMVSS 302 Typ B (v< 100 mm/min); UL 94-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 assess whether 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	Standard lengths Ring (m)	Standard lengths Box (m)
800 045 01	4.5	f	x	7.1	5	2.2	1.2	0.15	100	10000
800 006 01	6.0 S	f	x	9.1	6.9	2.7	1.5	0.2	100	5000
800 065 01	6.5 b	g	Pg7 / M10	9.9	6.9	3.1	2.2	0.2	100	5000
800 075 01	7.5	f	Pg7 / M10	10	6.8	2.7	1.8	0.15	100	3000
800 085 01	8.5	f	Pg7 / M10	11.7	8.5	2.4	1.5	0.2	100	3000
800 100 01	10	f	Pg9 / M12	13	10	2.7	1.8	0.25	100	2400
800 110 01	11	f	x	13.7	10.5	3.1	2.2	0.3	100	2400
800 120 01	12	f	Pg11 / M16	15.7	12.1	3.1	2.2	0.3	100	2000
800 130 01	13	f	Pg11 / M16	15.8	12.8	2.7	1.8	0.3	100	1800
800 140 01	14	f	Pg13.5/M20	18.5	14.3	3.3	2.3	0.3	100	1800
800 160 21	16 b	g	Pg16 / M20	21	17.2	2.9	1.9	0.3	100	1800
800 170 01	17	f	Pg16 / M20	21.2	16.7	3.3	2.3	0.3	100	1400
800 180 01	18	f	x	22.6	18	3.1	2.1	0.35	100	1200
800 190 01	19	f	x	23.9	19.3	3.5	2.3	0.35	100	1200
800 210 21	21 b	g	Pg21 / M25	28.3	22.6	4	3.4	0.4	100	1200
800 220 01	22	f	Pg 21/M 25	25.4	21.4	3.1	2.2	0.4	100	700
800 230 01	23	f	Pg 21/ M25	28.3	23.3	3.4	2.3	0.4	100	600
800 260 01	26	f	x	31.2	25.9	3.1	2.3	0.4	50	600
800 290 21	29 b	g	Pg29 / M32	34.3	28.6	4.00	3.4	0.4	50	350
800 290 01	29	f	Pg29 / M32	34.5	30	3.4	2.3	0.4	50	350
800 320 01	32	f	x	38.4	32.6	4.00	2.00	0.4	25	300
800 360 01	36 b	g	Pg36 / M40	42.4	35.5	5.20	4.10	0.4	25	300
800 370 01	37	f	Pg36 / M40	42.4	36.3	4.2	2.8	0.4	25	300
800 480 21	48 b	g	Pg48 / M50	54.5	46.8	5.5	4.2	0.4	25	100
800 500 01	50	f	Pg48 / M50	54.5	47.8	4.3	2.8	0.4	25	150

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