



AQUAPAL® DB

The highly flexible hose for potable water

Applications:

Railway industry

Flow medium:

Water, Potable Water

Marking:

blue wavy line on red cover, axially applied "Continental AQUAPAL® DB DIN 5510-2 KTW "A" DVGW 270"

Standard / Approval:

DIN 5510-2

KTW Licensed in accordance with Pipes guideline for plastics used for drinking water, DVGW W270 and VP 549

Description:

- **Inner lining:** Special elastomer, transparent, according to FDA (21 CFR 177.2600), plasticizer-free
- **Reinforcements:** Synthetic fibres
- **Cover:** CR-EPDM, red, fabric patterned, abrasion resistant, resistant to excrements, resistant to oil and fats, resistant to ozone, weather and UV
- **Working pressure up to:** 20 bar / 290 psi
- **Temperature range:** from -20 °C / -4 °F up to +90 °C / +194 °F
- **Dampable up to:** +130 °C / +266 °F (max. 30 minutes)
- **Further properties:**
 - Absolutely neutral to taste and odour
 - Can be overrun (except construction with steel wire helix)
 - Highly flexible
 - Meets the requirements of fire and smoke gas toxicity
 - Potable Water Hose Deutsche Bahn AG Approval

Technical data:

INDEX							
nr	mm	mm	bar ¹	bar ¹	bar ¹	aprx. mm	aprx. g/m
-	13	20,2	20	60	-	75	250
-	19	27,4	20	60	-	110	420
-	25	34	20	60	-	145	570
-	25	34	20	60	-	145	570
-	25	37	20	60	-	115	965
-	32	43	20	60	-	280	870
-	35	47	20	60	-	305	1053
-	40	53	20	60	-	360	1308
-	42	54	20	60	-	380	1237
-	45	60	20	60	-	390	1678

1 - Pressure based on room temperature / High pressure and/or temperature lead to reduced component durability.