

RAUFILAM®-E

FIBRE-REINFORCED, PRESSURE RESISTANT FOOD GRADE HOSES – CADMIUM-FREE, TYPE-APPROVED, CERTIFIED TO KTW GUIDELINE

Proven quality

For RAUFILAM-E hoses, selected raw materials are used and processed using special REHAU production processes. The result is a hose product that sets quality standards due to its excellent properties.

RAUFILAM-E hoses are tested and type-approved by the TÜV product service - a further confirmation of the REHAU quality standards by an independent body.

RAUFILAM-E stands out due to its

- lasting transparency
- attractive colours
- high flexibility
- high resistance to chemicals (see material data sheet RAU-PVC; AV 0010)
- excellent ageing resistance
- excellent abrasion resistance
- environmentally-friendly, cadmium-free material
- high fibre-reinforcement

Material and colour:

Inside: RAU-PVC 7806, 70002 crystal clear

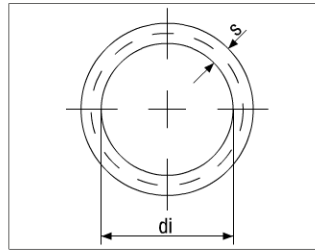
Outside: RAU-PVC 7806, 29101 transparent

The brand name, the dimension details and the operating pressure level illustrate its classification and make it easier to use.

Now with FDA Approval

Food safety regulations

RAU-PVC 7806 is a physiologically harmless material with calcium-zinc stabiliser.



The composition of the material complies with regulation (EU) no. 10/2011 and its appendices.

In addition to this, the hoses meet the UBA-KTW guideline. A KTW/C test certificate for dimensions above DN 4 is available.

RAUFILAM-E conforms to the REGULATION (EC) No. 1935/2004 which governs materials and articles intended to come into contact with foodstuffs; it is designed for fat-free solid watery, acidic or alcoholic foodstuffs up to maximum 15% alcohol content at an application temperature of up to maximum 40 °C (foodstuff categories A, B and C; room temperature). RAUFILAM-E hoses are not suitable for contact with fatty foodstuffs (foodstuff category D).

Other conformity:

RAU-PVC 7806 fulfils the end-of-life vehicle directives 2000/53/EC and 2002/525/EC, as well as the electrical and electronic equipment directive 2002/95/EC, the directive 2003/11/EC, the directive on waste electrical equipment 2002/96/EC as well as the new ROHS directive 2011/65/EU.

No restrictions - according to the American categories (§ 175.300) for food types I, II, III, IV-B, VI (up to 10% alcohol) - on its use with watery, acidic and alcoholic foodstuffs. A formal FDA declaration exists and is available on request.



Due to the system conversion to SAP, in 2012 our article numbers will change to material numbers.

The previous article numbers will become material numbers and will gain 2 digits:

old: 123456-789 (Article number)

new: 11234561789 (Material number)

To illustrate this in the catalogue, we have visually

identified the additional digits: **11** = 1, e.g.: **11**123456**1**789

Please note that in the system all quotations, order confirmations, dispatch notes and invoices will largely only be issued with the 11-digit number.

Mat. No.	Description	Dimension ¹ di/s mm	Permitted operating pressure ² at			Bending radius mm (at 20 °C)	Coil length	Packaging unit		EAN code
			20 °C	40 °C	60 °C			Coils/box		
10285111002	DN 4	4/3	23	18	14	15	50 m	6		40 07360 187644
10285311002	DN 6	6/3	20	16	12	25	50 m	4		40 07360 187682
10285511002	DN 8	8/3	18	15	11	30	50 m	3		40 07360 187736
10285611002	DN 9	9/3	16	13	10	35	50 m	3		40 07360 187620
10285711002	DN 10	10/3	14	12	9	40	50 m	3		40 07360 187781
10285811002	DN 12	12/3	14	12	9	55	50 m	2		40 07360 187811
10285911002	DN 12	12.2/4.2	14	12	9	50	50 m	2		40 07360 187842
10286011002	DN 13	13.2/3.3	12	9	7	70	50 m	2		40 07360 187866
10286211001	DN 16	16.2/3.7	12	9	7	90	25 m	Single coil		40 07360 187897
10286211002	DN 16	16.2/3.7	12	9	7	90	50 m	Single coil		40 07360 187903
10286311001	DN 19	19.4/3.7	10	8	6	130	25 m	Single coil		40 07360 187927
10286311002	DN 19	19.4/3.7	10	8	6	130	50 m	Single coil		40 07360 187934
10286511001	DN 25	25.4/4.3	8	7	6	200	25 m	Single coil		40 07360 187972
10286511002	DN 25	25.4/4.3	8	7	6	200	50 m	Single coil		40 07360 187989
10286711001	DN 32	32.4/4.8	7	6	5	310	25 m	Single coil		40 07360 188016
10286811001	DN 38	38/4.8	6	5	4	420	25 m	Single coil		40 07360 188023
10286911001	DN 40	40/4.5	6	5	4	460	25 m	Single coil		40 07360 188030
10287011001	DN 50	50/5	4	3	2	650	25 m	Single coil		40 07360 188047
10287111001	DN 50	50/6	4	3	2	620	25 m	Single coil		40 07360 188054

¹ Tolerances: int. dia.

up to 5 mm + 0.1 mm/ - 0.2 mm
over 5 - 8 mm + 0.2 - 0.3 mm
over 8 mm + 2.5 % - 3 %
Wall thickness ± 10 %

² The operating pressure values were calculated from burst pressure tests based on DIN 20024 with a safety factor of 4.

Other dimensions and hose types on request.