

ELAFLEX



SCHLAUCH + ARMATURENTECHNIK
Sales Division PAL Chemical Hoses

PYROPAL® 164 L

Hose for saturated steam
PN 6 bar acc. to DIN 2825

PYROPAL® 230

Hose for saturated steam
PN 18 bar acc. to DIN 2825

PAL-High Quality Hoses

FOR THE
CHEMICAL INDUSTRY

made by
CONTITECH®

PYROPAL® 164 L



Low Pressure Steam Hose acc. to DIN 2825

Description:

Specially developed high performing EPDM-compounds in relation with the textile braid construction make **PYROPAL® 164 L**, manufactured by CONTITECH, a steam hose of high quality. An increased lifetime, bigger flexibility, tighter bending radii and a cost efficient assembly of the fittings (Ω -hose) are the most outstanding distinctions. The admissible working pressure **for saturated steam** is 6 bar, the minimum burst pressure is 60 bar. The lining of this brand hose for **open-ended discharge** is made of black, electrically conductive EPDM. It is homogeneous, smooth, resistant to hot water up to +120° C and to steam up to +164° C / 6 bar. Not oil resistant. The robust cover is also made of black, electrically conductive EPDM. Hence the cover is very resistant to ozone, UV, heat, accelerated ageing and abrasion. PYROPAL® is marked with a striking red spiral.

Lining

- homogeneous, smooth bore, seamless
- EPDM (EPT), black, electrically conductive
- suitable for steam up to 6 bar (+164° C). For open-ended discharge only.
- suitable for hot water up to a maximum of +120° C

Reinforcements

- 2 textile braids
- admissible working pressure for saturated steam 6 bar
- min. burst pressure 60 bar (10:1 safety factor)

Cover

- black, pin-pricked
- EPDM (EPT)
- resistant to ozone, UV, heat, accelerated ageing and abrasion
- electrically conductive
- marking: red spiral and continuously embossed text **in a straight line**:

CONTI PYROPAL 164 L DIN 2825 DAMPF 6 BAR EPDM (DN..) Ω (month/year)

Nominal Diameter DN [mm]	Wall Thickness [mm]	Min. Bending Radius [mm]	Weight per Metre [ca. kg]
13	6	80	0,4
19	7	100	0,6
25	7	120	0,8

Further dimensions on request · Production length in 40 m coils

PYROPAL® 230



High Pressure Steam Hose acc. to DIN 2825

Description:

Due to its steel braid reinforcement **PYROPAL® 230**, manufactured by CONTITECH, is suitable **for open end discharge as well as for closed steam circuits**. Specially developed high performing EPDM compounds in relation with the asymmetrically woven reinforcements of zinc plated steel braids make PYROPAL® 230 a top quality product. Extremely long lifespan, good flexibility and tight bending radii guarantee simple handling, adding to high operational safety and cost efficient assembly of the fittings (Ω -hose). The admissible working pressure for saturated steam is 18 bar (cold water 25 bar). Minimum burst pressure 180 bar. The lining of this brand hose is made of black, electrically conductive EPDM. It is homogeneous, smooth and resistant to hot water up to +120°C. Not oil resistant. The maximum steam temperature is 210° C / 18 bar. Overheated steam (dry steam) diminishes the lifespan, even below 210° C. The robust cover also is also black, electrically conductive EPDM. This makes the cover extremely resistant to ozone, UV, heat, accelerated ageing and abrasion. PYROPAL® is marked with a striking red spiral.

Lining

- homogeneous, smooth bore, seamless
- EPDM (EPT), black, electrically conductive
- suitable for saturated steam 18 bar (+ 210° C)
- suitable for hot water up to a maximum of +120° C

Reinforcements

- galvanized steel braids, asymmetrically woven
- admissible working pressure for saturated steam 18 bar
- minimum burst pressure 180 bar (10:1 safety factor)

Cover

- black, pin-pricked
- EPDM (EPT)
- resistant to ozone, UV, heat, accelerated ageing and abrasion
- electrically conductive
- marking: red spiral and continuously embossed text in a straight line:

CONTI PYROPAL 230 DIN 2825 DAMPF 18 BAR EPDM (DN..) Ω (moth/year)

Nominal Diameter DN [mm]	Wall Thickness [mm]	Min. Bending Radius [mm]	Weight per Metre [ca. kg]
13	6,0	80	0,6
19	7,0	100	0,9
25	7,5	120	1,2
32	8,0	140	1,6
38	8,0	160	1,8
50	9,0	220	2,2

Further dimensions on request · Production length in 40 m coils

THE COMPLETE HOSE SYSTEM FROM YOUR SERVICE PARTNER

Please note: steam is very dangerous! Only safety fittings with collar and bolted clamps, suitable for re-tightening according to DIN 2826 for safety reasons should be used.

From ELAFLEX Schlauch + Armaturentechnik (SAT) and its service partners you obtain competent advice and a complete hose assembly, mounted by experts, including a mandatory pressure and conductivity test with certificate EN 10.204 - 2.3 B.

ELAFLEX and its partners –
the safe connection.



A reference of stock holding PAL service partners is available on our website or upon request from:

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