



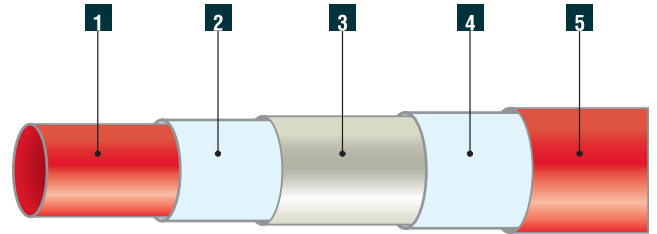
NEW

PE-RT 5 LAYERS

EVOH OXYGEN BARRIER 5 LAYERS PIPE

SKZ

Das Kunststoff-Zentrum



Components

- 1** Inner pipe in PE-RT
- 2** Layer of adhesive connecting the inner pipe to the EVOH-oxygen barrier pipe
- 3** EVOH-oxygen barrier pipe
- 4** Layer of adhesive connecting the outer pipe to the EVOH-oxygen barrier pipe
- 5** Outer pipe in PE-RT

CONSTRUCTION CHARACTERISTICS AND PERFORMANCE

The quality of a heating/cooling floor-mounted system essentially depends on the quality of the pipe used, especially for its flexibility and durability features over time. The PE-RT pipes (polyethylene with improved resistance to high temperatures) perfectly meet these requirements, while satisfying the international pertaining standards. The several inspections and quality controls ensure maximum safety over time, as witnessed by SKZ certification.

COMPLIANCE WITH STANDARDS

The PE-RT pipe with 5 layers EVOH oxygen barrier complies with the UNI EN ISO 22391-2 European product standard and is SKZ HR 3.16 certified.

CONDITIONS OF USE ACCORDING TO THE APPLICATION CLASSES IN COMPLIANCE WITH UNI EN ISO 22391-1 STANDARD (SEE TECHNICAL ATTACHMENTS).

EN TECHNICAL CHARACTERISTICS

Application classes / Operating pressure (bar):
Cl. 4/8 bar - Cl. 5/6 bar
Oxygen permeability (DIN 4726):
< 0.32 mg/(m²d) at 40 °C; < 3,60 mg/(m²d) at 80 °C
Density: 941-947 kg/m³
Thermal conductivity: 0.4 W/mK

Linear expansion coefficient: 0.18 mm/m °C
Minimum bend radius: 5 x external diameter
Internal roughness: 7 μm
Water content: 0.133 l/m

Application: heating systems (not suitable for sanitary systems).

Pipe regression curves: see Technical attachments section.

NEW

GP 2035
PE-RT 5 LAYERS PIPE

5-layer PE-RT pipe type II, complies with the UNI EN ISO 22391-2 standard and provided with an oxygen barrier in compliance with DIN 4726 standard SKZ HR 3.16 certified.



CODE	Size	mt Pallet	N. Rotoli	Pack m
9517P011	17 x 2 mm	1920	8	240
9517P010	17 x 2 mm	2400	4	600

SKZ

