

DATA SHEET SYSTEM PANELS



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System profiled panel Type EPS 150-11 (DEO) Article no. 4006926

suitable for duo-flex und tri-o-flex® system
heating pipes \varnothing 14, 16 und 17 mm
EPS heat insulation
HBCD-free



Standards:

DIN EN 13163
DIN EN 1264
Z-23.15-1479

Monitoring:

1. In-house monitoring
2. FIW, Munich
(DIN EN 13163)

Configuration:

- Plastic foil, black, deep-drawn
- Profiled panel EPS DEO dh
EPS-EN 13163-L3-W3-T2-S5-P3-
BS200-CS(10)150-DS(N)5-DLT(2)5
DOP: L1-04-077

Article no. 3014883

- Treadable, foamed pipe-holder lobes
- Film overlap
- Integrated diagonal installation

Accessories:

Door and connecting profile
Article no. 3018230

Status 02/21_ subject to technical modifications!

TECHNICAL DATA

Packaging unit	24.12 m ² (18 panels)
PU/pallet	120.60 m ²
Net panel size	907 x 1,472 mm 1.34 m ²
Panel thickness dn	11 mm
Panel thickness with lobes	29 mm
Thermal conductivity λ_D	0.034 W/mK
Thermal resistance R_D acc. to DIN EN 1264	0.45 m ² K/W
Max. compressive stress at 10 % compression acc. to EN 13163	150 kPa
Fire behaviour RtF	E (EN 13501-1)
Building material class acc. to DIN 4102-1	B 2



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System profiled panel Type EPS-T 20-2 (DES sg) Article no. 4013056

for duo-flex and tri-o-flex® system heating pipes
pipes Ø 14, 16 and 17 mm
EPS-T heat and impact sound insulation
HBCD-free



Standards:

DIN EN 13163
DIN EN 1264
Z-23.15-1479

Monitoring:

1. In-house monitoring
2. FIW, Munich
(DIN EN 13163)

Configuration:

- Plastic film, black, deep-drawn
- Profiled panel:
(Austrian Standard B 6000: EPS-T 650)
EPS-EN 13163-L3-W3-TC(0)-S5-P3-
BS50-DS(N)5-SD(40)-CP2
DOP: L1-06-030
Article no. 3028148
- Treadable, foamed pipe-holder lobes
- With film overlap
- Integrated diagonal installation

Accessories:

Door and connection element
Article no. 3018230

Status 05/20_Subject to technical modifications!

TECHNICAL DATA

Packaging unit	16.08 m ² /pack (12 panels)
PU/pallet	80.40 m ²
Net panel size	907 x 1,472 mm 1.34 m ²
Panel thickness d _{L-c}	18 mm
Panel thickness with lobes	36 mm
Thermal conductivity λ _D Impact sound λ _{D1} Profiles λ _{D2}	0.039 W/mK 0.034 W/mK
Thermal resistance R _D acc. to DIN EN 1264	0.59 m ² K/W
Dynamic stiffness	SD 40
Max. load capacity acc. to DIN EN 13163	5 kPa
Impact sound reduction ΔL _{w,R} where m' = 120 kg/m ² acc. to DIN 4109-34: 2016-07	25 dB
Fire behaviour RtF	E (EN 13501-1)
Building material class acc. to DIN 4102-1	B2



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System profiled panel Type EPS-T 30-2 (DES sg) Article no. 4006923

suitable for duo-flex and tri-o-flex® system heating pipes Ø 14, 16 und 17 mm
EPS-T heat and impact sound insulation
HBCD-free



Standards:

DIN EN 13163
DIN EN 1264
Z-23.15-1479

Monitoring:

1. In-house monitoring
2. FIW, Munich
(DIN EN 13163)

Configuration:

- Plastic foil, black, deep-drawn
- Profiled panel DES sg
(Austrian Standard B 6000: EPS-T 650)
EPS-EN 13163-L3-W3-TC(0)-S5-P3-
BS50-DS(N)5-SD(20)-CP2
DOP: L1-06-030
Article no. 3014880
- Treadable, foamed pipe-holder lobes
- Film overlap
- Integrated diagonal installation

Accessories:

Door and connecting profile
Article no. 3018230

Status 05/20_ subject to technical modifications!

TECHNICAL DATA

Packaging unit	13.40 m ² (10 panels)
PU/pallet	67.00 m ²
Net panel size	907 x 1,472 mm 1.34 m ²
Panel thickness d _{L-c}	28 mm
Panel thickness with lobes	46 mm
Thermal conductivity λ _D Impact sound λ _{D1} Profiles λ _{D2}	0,039 W/mK 0,034 W/mK
Thermal resistance R _D acc. to DIN EN 1264	0,85 m ² K/W
Dynamic stiffness	SD 20
Max. load capacity acc. to DIN EN 13163	5 kPa
Impact sound reduction ΔL _{w,R} where m' = 120kg/m ² acc. to DIN 4109-34: 2016-07	29 dB
Fire behaviour RtF	E (EN 13501-1)
Building material class acc. to DIN 4102-1	B 2



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System profiled panel Type EPS-T 44-3 (DES sm) Article no. 4041408

suitable for duo-flex and tri-o-flex® system
heating pipes Ø 14, 16 und 17 mm
EPS-T heat and impact sound insulation
HBCD-free



Standards:

DIN EN 13163
DIN EN 1264
Z-23.15-1479

Monitoring:

1. In-house monitoring
2. FIW, Munich
(DIN EN 13163)

Configuration:

- Plastic foil, black, deep-drawn
- Profiled panel DES sm
EPS-EN 13163-L3-W3-TC(0)-S5-P3-
BS50-DS(N)5-SD(20)-CP3
DOP: L1-06-030

Article no. 3101422

- Treadable, foamed pipe-holder lobes
- Film overlap
- Integrated diagonal installation

Accessories:

Door and connecting profile
Article no. 3018230

Status 05/20_ subject to technical modifications!

TECHNICAL DATA

Packaging unit	10.72 m ² (8 panels)
PU/pallet	53.60 m ²
Net panel size	907 x 1,472 mm 1.34 m ²
Panel thickness d _{L-c}	41 mm
Panel thickness with lobes	62 mm
Thermal conductivity λ _D	0,034 W/mK
Thermal resistance R _D acc. to DIN EN 1264	1,29 m ² K/W
Dynamic stiffness	SD 20
Max. load capacity acc. to DIN EN 13163	4 kPa
Impact sound reduction ΔL _{w,R} where m' = 120 kg/m ² acc. to DIN 4109-34: 2016-07	29 dB
Fire behaviour RtF	E (EN 13501-1)
Building material class acc. to DIN 4102-1	B 2

