

GERO^{therm}® DUPLEX geothermal probes de 32 mm PN16

Fully factory pre-assembled double U geothermal probes with GERO^{therm}® pipe made of PE100-RC (with significantly increased crack resistance), black, **SDR11/PN16**. Proof of suitability for installation without a sand bed (required minimum service life FNCT of > 8,760 hrs for each raw material batch, test conditions: 80°C, 4 N/mm², 2% Arkopal N-100). Specially developed, injection-moulded probe foot **PN25** for the geothermal field. Flow deflection in the probe foot without cross section narrowing; flow resistance <10 mbar at 1 m/s. Sand/gravel collection container integrated in the probe foot. Two ribs are integrated in the collection container which reduce jamming of the measuring float. This enables problem-free usage of measuring bodies. Patent No. EP 2 395 301. Weld seams made in accordance with DVS, quality monitoring in accordance with the directive HR3.26 of the SKZ Würzburg plastics centre for pipes, welding and deflection (system specification). SKZ certified and monitored. SKZ certificate No. A278. Certified and monitored by KIWA KOMO. Certificate No.: K84665/01. Compliant with the specifications and requirements of the seal of approval for geothermal probe drilling companies (D-A-CH). Abrasion-resistant geothermal probe pipe labelled as geothermal probe pipe with forward and return meter count including production date/batch/flow direction display for forward and return.

Factory tested with individual test certificate

Delivery form: coils on pallets

♻ Recycling: the probe material is sorted and completely recyclable.

Probe pipe dimensions: de 32 × 3.0 mm

Probe length: m

Art. No.:

Quantity Units

GERO^{therm}® DUPLEX geothermal probes de 40 mm PN16

Fully factory pre-assembled double U geothermal probes with GERO^{therm}® pipe made of PE100-RC (with significantly increased crack resistance), black, **SDR11/PN16**. Proof of suitability for installation without a sand bed (required minimum service life FNCT of > 8,760 hrs for each raw material batch, test conditions: 80°C, 4 N/mm², 2% Arkopal N-100). Specially developed, injection-moulded probe foot **PN25** for the geothermal field. Flow deflection in the probe foot without cross section narrowing; flow resistance <10 mbar at 1 m/s. Sand/gravel collection container integrated in the probe foot. Two ribs are integrated in the collection container which reduce jamming of the measuring float. This enables problem-free usage of measuring bodies. Patent No. EP 2 395 301. Weld seams made in accordance with DVS, quality monitoring in accordance with the directive HR3.26 of the SKZ Würzburg plastics centre for pipes, weld and deflection (system specification). SKZ certified and monitored. SKZ certificate No. A278. Certified and monitored by KIWA KOMO. Certificate No.: K84665/01. Compliant with the specifications and requirements of the seal of approval for geothermal probe drilling companies (D-A-CH). Abrasion-resistant geothermal probe pipe labelled as geothermal probe pipe with forward and return meter count including production date/batch/flow direction display for forward and return.

Factory tested with individual test certificate

Delivery form: coils on pallets

♻ Recycling: the probe material is sorted and completely recyclable.

Probe pipe dimensions: de 40 × 3.7 mm

Probe length: m

Art. No.:

Quantity Units

GERO[®]therm[®] DUPLEX geothermal probes de 40 mm PN20

Fully factory pre-assembled double U geothermal probes with GERO[®]therm[®] pipe made of PE100-RC (with significantly increased crack resistance), black, **SDR9/PN 20**. Proof of suitability for installation without a sand bed (required minimum service life FNCT of > 8,760 hrs for each raw material batch, test conditions: 80°C, 4 N/mm², 2% Arkopal N-100). Specially developed, injection-moulded probe foot **PN25** for the geothermal field. Flow deflection in the probe foot without cross section narrowing; flow resistance <10 mbar at 1 m/s. Sand/gravel collection container integrated in the probe foot. Two ribs are integrated in the collection container which reduce jamming of the measuring float. This enables problem-free usage of measuring bodies. Patent No. EP 2 395 301. Weld seams made in accordance with DVS, quality monitoring in accordance with the directive HR3.26 of the SKZ Würzburg plastics centre for pipes, weld and deflection (system specification). SKZ certified and monitored. SKZ certificate No. A278. Certified and monitored by KIWA KOMO. Certificate No.: K84665/01. Compliant with the specifications and requirements of the seal of approval for geothermal probe drilling companies (D-A-CH). Abrasion-resistant geothermal probe pipe labelled as geothermal probe pipe with forward and return meter count including production date/batch/flow direction display for forward and return.

Factory tested with individual test certificate

Delivery form: coils on pallets

♻ Recycling: the probe material is sorted and completely recyclable.

Probe pipe dimensions: de 40 × 4.5 mm

Probe length: m

Art. No.:

Quantity Units

GERO[®]therm[®] DUPLEX geothermal probes de 50 mm PN16

Fully factory pre-assembled double U geothermal probes with GERO[®]therm[®] pipe made of PE100-RC (with significantly increased crack resistance), black, **SDR11/PN16**. Proof of suitability for installation without a sand bed (required minimum service life FNCT of > 8,760 hrs for each raw material batch, test conditions: 80°C, 4 N/mm², 2% Arkopal N-100). Weld seams made in accordance with DVS, quality monitoring in accordance with the directive HR3.26 of the SKZ Würzburg plastics centre for pipes, weld and deflection (system specification). SKZ certified and monitored. SKZ certificate No. A278. Certified and monitored by KIWA KOMO. Certificate No.: K84665/01. Compliant with the specifications and requirements of the seal of approval for geothermal probe drilling companies (D-A-CH). Abrasion-resistant geothermal probe pipe labelled as geothermal probe pipe with forward and return meter count including production date/batch/flow direction display for forward and return.

Factory tested with individual test certificate

Delivery form: coils on pallets

♻ Recycling: the probe material is sorted and completely recyclable.

Probe pipe dimensions: d 50 × 4.6 mm

Probe length: m

Art. No.:

Quantity Units

GERO[®]therm[®] DUPLEX geothermal probes de 50 mm PN20

Fully factory pre-assembled double U geothermal probes with GERO[®]therm[®] pipe made of PE100-RC (with significantly increased crack resistance), black, **SDR9/PN20**. Proof of suitability for installation without a sand bed (required minimum service life FNCT of > 8,760 hrs for each raw material batch, test conditions: 80°C, 4 N/mm², 2% Arkopal N-100). Weld seams made in accordance with DVS, quality monitoring in accordance with the directive HR3.26 of the SKZ Würzburg plastics centre for pipes, weld and deflection (system specification). SKZ certified and monitored. SKZ certificate No. A278. Certified and monitored by KIWA KOMO. Certificate No.: K84665/01. Compliant with the specifications and requirements of the seal of approval for geothermal probe drilling companies (D-A-CH). Abrasion-resistant geothermal probe pipe labelled as geothermal probe pipe with forward and return meter count including production date/batch/flow direction display for forward and return.

Factory tested with individual test certificate

Delivery form: two coils on one pallets (<370 m)

One coils on one pallet (>380 m)

♻ Recycling: the probe material is sorted and completely recyclable.

Probe pipe dimensions: d 50 × 5.6 mm

Probe length: m

Art. No.:

Quantity Units