



Heat-shrinkable molded part for the corrosion protection of house connection tees

Product description

HTTE House Tap Tee.

Construction: Two-layer system

First layer: Copolymer adhesive

Second layer: Thick walled, radiation cross-linked, high density polyethylene.

HTTE is a heat-shrinkable molded part, pre-shaped to encapsulate house connection weld-on tees. The thick-walled, highly expanded molded part is coated with a specially formulated hot-melt adhesive for this application. The adhesive melts during installation and, under pressure from the shrinking sleeve, is forced into surface irregularities, thus providing an excellent seal. The HTTE part can be delivered with or without a cap.

To prevent corrosion of the service pipe where the house connection is made, the use of a compatible PERP patch or WPC heat-shrinkable wraparound sleeve is recommended.

HTTE is installed using regular propane gas torches. The installation is carried out directly on the cleaned and preheated substrate. The part is positioned on the branch-off pipe and slid over the tee-piece to be protected. Using a torch, the HTTE is then shrunk in place. During recovery, the adhesive softens and flows to form a tight bond with the substrate. The bond strength builds up during cool down and is fully retained after completion of the job.

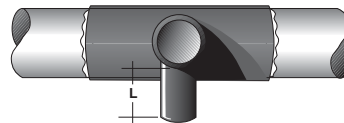
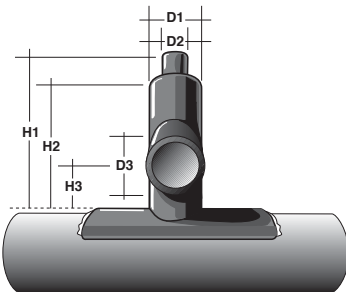
Product features/benefits

- **No primer required**
No drying time and easy application.
- **Pre-shaped mold system**
Makes installation easy.
Provides accurate protection.
- **Controlled high wall thickness**
Provides accurate & reliable protection.
- **HTTE-kit available**
An all-in-one product to protect the house tap tee.

Product selection guide

	HTTE
Max. operating temperature	50°C
Compatible line coatings	PE, FBE, Tape, Coaltar, Asphalt
Min. preheat temperature	70°C
Recommended pipe preparation	ST3
Soil stress restrictions	None
Performance	DIN30672 C30

Product dimensions



- 01: with cap
02: without cap
04: without cap with tubular CPSPM

HTTE	D1		D2		D3		H1	L	H2	H3
	sup. min. mm	rec. max. mm	sup. min. mm	rec. max. mm	sup. min. mm	rec. max. mm	rec. mm	rec. mm	rec. mm	rec. mm
HTTE-1500-02*	80	37	No	Cap	70	23	137	48	137	53
HTTE-1600**	110	37	110	27	65	32	90	45	78	40
HTTE-1600-OE-02*	110	37	No	Cap	75	32	78	45	78	40
HTTE-1700**	160	58	160	35	95	45	116	41	95	51
HTTE-4000**	160	58	160	35	85	33	187	47	155	61
HTTE-4051	160	45	160	35	85	27	150	47	135	60
HTTE-4500**	160	58	160	35	85	33	169	47	145	68
HTTE-5010-02	160	58	no cap	no cap	95	45	170	41	170	92

* only available in 02 or 04 version

sup: as supplied

** 01, 02 and 04 version available

rec.: after full unrestricted recovery

Product properties: HTTE

Property	Test method	Typical value
Backing		
Tensile strength	DIN 30672	410 N/cm
Elongation	DIN 30672	490%
Adhesive		
Softening point	ASTM E-28	94°C
Shear strength	EN 12068	120 N/cm ²
Sleeve		
Peel to Steel	EN 12068	7.6 N/mm
Impact resistance	EN 12068	> 15 Nm
Penetration resistance	EN 12068 class C30 (10 N/mm ²)	> 0.6 mm*

* remaining thickness

Ordering information

HTTE type products are available:

- as a molded part with or without cap
- as a kit (P-kit and G-kit)

Example: HTTE-4000-01-P05 / HTTE-4000-01-G05-DN100

		Standard ordering options
4000	HTTE size	See product dimension table
01	Code referring to cap	01 : HTTE with cap; 02 : HTTE without cap; 04 : HTTE without cap with CPSM tubular
P05	Code to indicate kit content	Kit contains PERP patch + S1052 mastic strip
G05		Kit contains WPC-C30 unisleeve
DN100	Service pipe diameter in DN	DN80, DN100, DN150, DN200

For proper selection of HTTE size and kit content, see latest application table AT-HTTE.
For proper product installation, see latest installation instruction.

Berry Plastics warrants that the product conforms to its chemical and physical description and is appropriate for the use stated on the technical data sheet when used in compliance with Berry Plastics written instructions. Since many installation factors are beyond the control of Berry Plastics, the user shall determine the suitability of the products for the intended use and assume all risks and liabilities in connection herewith. Berry Plastics liability is stated in the standard terms and conditions of sale. Berry Plastics makes no other warranty either expressed or implied. All information contained in this technical data sheet is to be used as a guide and is subject to change without notice. This technical data sheet supersedes all previous data sheets on this product.



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