Covalence®
Heat Shrinkable Products

BLOT Molded Part

Heat-shrinkable molded part for corrosion protection of weld-on blocking tees.

Product description

BLOT blocking tee coating.
Construction: Two-layer system:
First layer: High-viscosity, high strength mastic (collar & flap).
High performance copolymer (cap).
Second layer: Thick-walled, radiation cross-linked, high density polyethylene.

BLOT is a heat-shrinkable, two-piece molded part kit pre-shaped to encapsulate blocking tees in gas distribution networks and thus protect from corrosion. The BLOT components are fabricated from a special compound, that fit the contours of the metal tee-pieces. BLOT consists of a "saddle" (a ± 30 mm (1.25") high collar provided with a square flap) and a separate cap provided with a tightly fitting plug cover.

The '"saddle" is internally coated with a high-viscosity, high-strength mastic to secure the bond to the pre-coated pipe. This also makes the installation easy. The high performance copolymer coating of the cap ensures an excellent bond to the bare steel of the tee-piece.

BLOT is installed using regular propane gas torches. The installation is carried out directly on the cleaned and preheated substrate surface. The BLOT "saddle" is fit over the tee-piece and shrunk to firmly adhere onto the service pipe and the tee base. Then the BLOT cap is put onto the blocking tee and, beginning from the plug, shrunk tightly around. 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.

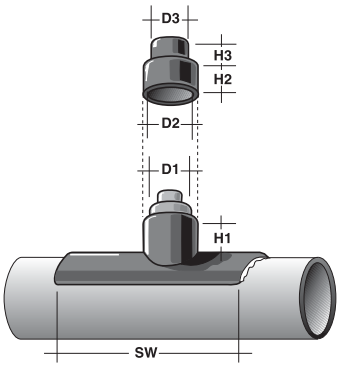
Product features/benefits

- **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.
- **Small number of sizes for a large number of applications**
  Reduced inventory & logistics costs.
- **Specially formulated sealant**
  Ensures a strong bond & reliable protection.
  Provides high peel and shear values after installation.
- **No special equipment or skills required**
  Makes installation fast and easy.
  Keeps installation costs low.

Product selection guide

	BLOT
Max operating temperature	30°C (86°F)
Compatible line coatings	PE, FBE, Tape, Coal tar, Asphalt
Min preheat temperature	70°C (158°F)
Recommended pipe preparation	ST3
Soil stress restrictions	None
Performance	DIN30672 C30

Product dimensions



Sw: sleeve width: 300 mm (12")
Flap dimensions: 300 mm (12") x 320 mm (12.75")

BLOT	D1		H1	D2		H2	D3	H3
	min. sup. mm	max. rec. mm	min. rec. mm	min. sup. mm	max. rec. mm	min. rec. mm	max. rec. mm	min. rec. mm
BLOT 200	100	55	30	87	55	47	24	12
BLOT 300	100	70	32	110	70	42	40	28
BLOT 400	100	70	38	110	70	80	40	28

Note: diameters are inside diameters

Product properties: BLOT

Property	Test method	Typical Value	
Backing			
Tensile strength	DIN 30672	410 N/cm	
Elongation	DIN 30672	490%	
Adhesive		**Copolymer**	**Mastic**
Softening point	ASTM E-28	94°C (201°F)	118°C (244°F)
Shear strength	EN 12068	120 N/cm^2	8 N/cm^2
Sleeve			
Peel to Steel	EN 12068	7.6 N/mm	0.9 N/mm
Impact resistance	EN 12068	> 15 Nm	
Penetration resist.	EN 12068 class C30 (10 N/mm^2)	> 0.6 mm *	

** remaining thickness*

Ordering information

BLOT type products are available as a kit, containing:

- a collar with square flap
- a cap with plug cover

Example: BLOT-100		
		Standard Ordering options
100	Blot size	100, 200, 300, 400 See product dimension table

Note: When no more than a window has been cut out of the original mill-applied coating, the BLOT moulded part is suitable for the purpose of complete coating. When the mill-applied coating has been completely peeled off all round to allow for the welding work, WPC-05 sleeve is used in addition to BLOT:

Nominal ∅ of the mains supply	Order description
DN 80	WPC-C30-DN80-450-05
DN100	WPC-C30-DN100-450-05
DN150	WPC-C30-DN150-450-05
DN200	WPC-C30-DN200-450-05

For proper product installation, see latest installation instruction.

DS-BLOT-REV-5-0309

BERRY PLASTICS CORPORATION™
AND SUBSIDIARIES
CORROSION PROTECTION GROUP
www.berrycpg.com

Local Distributor / Representative:

For contact details of local Distributors / Representatives
Please visit www.berrycpg.com.

Headquarters : Berry Plastics Tapes & Coatings Division, Franklin MA, USA

Franklin, MA, USA
Tel: +1 508 918 1714
US Toll Free: +1 800 248 0149
Fax: +1 508 918 1910
CPG@berryplastics.com

Houston, TX, USA
Tel: +1 713 676 0085
US Toll Free: 01 888 676 7202
Fax:+1 713 676 0086
CPGH@berryplastics.com

Tijuana, Mexico
Tel USA +1 858 633 9797
Fax US: +1 858 633 9740
Tel Mexico: +52 664 647 4397
Fax Mexico: +52 664 647 4370
CPGTJ@berryplastics.com

Aarschot, Belgium
Tel: +32 16 55 36 00
Fax: +32 16 55 36 74
CPGE@berryplastics.com

Baroda, India
Tel: +91 2667 264721
Fax: +91 2667 264724
CPGIN@berryplastics.com