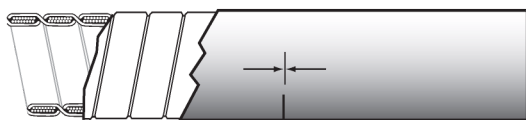


- TBEF (now integrating the TBHT grade) conduit with heavy duty double interlocked / single interlocked (with packing) galvanised steel core
- Universal conduit for all liquidtight applications requiring good mechanical strength and flexibility: machinery, conveyors, etc.
- Cotton packing for high flexibility (up to 1 1/4")
- High performance acid and oil resistant, self-extinguishing PVC jacket
- High mechanical stability
- Tested and certified in accordance with DIN VDE 0605:1982-04 (File Nr: 24058-5410-0050 / 32CRB F41 / LR, Document Nr.: 131354)
- Marked lengths (every 1 m) for quick and easy measuring and cutting



Length marking



1/4" - 1 1/4"

1 1/2" - 4"



Technical Information

Outer jacket	PVC, self-extinguishing within 30 seconds
Core	Galvanised steel
Packing	Cotton (up to 1 1/4")
Colour	Black or grey**
Temperature range	Static: -25°C to +105°C Flexing: -5°C to +105°C
Voltage breakdown (flash test)	> 2 kV
Insulation resistance	> 100 MOhm
System IP rating	IP67, when correctly installed with Shureseal™ liquidtight fittings

** (Grey available upon request. Suffix = G, e.g. TBEF0250-50G)

Approvals



Ordering Information

PRODUCT REF.	NOMINAL SIZE	METRIC SIZE	LENGTH	INTERNAL DIAMETER	EXTERNAL DIAMETER	MIN. BENDING RADIUS	MECHANICAL VALUES MIN. TENSILE STRENGTH	MIN. COMPRESSION STRENGTH	WEIGHT OF PACKAGING	TYPE
	[inch]	[mm]	[m]	[mm]	[mm]	[mm]	[N]	[N]	[kg/100 m]	
TBEF0250-50*	1/4	10	50	6.2	11.4	45	500	1250	20.0	A
TBEF0312-50*	5/16	12	50	10.0	14.4	50	500	1250	22.2	A
TBEF0375-10	3/8	16	10	12.5	17.8	50	1000	1250	41.9	A
TBEF0375-75	3/8	16	75	12.5	17.8	50	1000	1250	41.9	B
TBEF0500-10	1/2	20	10	16.0	21.1	75	1000	1250	48.1	A
TBEF0500-60	1/2	20	60	16.0	21.1	75	1000	1250	48.1	B
TBEF0750-10	3/4	25	10	21.0	26.4	90	1000	1250	68.9	A
TBEF0750-50	3/4	25	50	21.0	26.4	90	1000	1250	68.9	C
TBEF1000-30	1	32	30	26.0	33.1	110	1000	1250	97.5	C
TBEF1250-30	1 1/4	40	30	34.8	41.8	130	1000	1250	123.3	C
TBEF1500-15*	1 1/2	50	15	40.4	47.7	190	2500	1250	144.8	C
TBEF2000-15*	2	63	15	51.6	60.0	250	2500	1250	161.0	C
TBEF2500-15*	2 1/2	75	15	63.3	72.6	480	2500	1250	298.0	C
TBEF3000-7*	3	90	7	78.4	88.4	760	2500	1250	327.8	C
TBEF4000-7*	4	115	7	102.1	113.8	860	2500	1250	394.4	C

* Not VDE approved

Packaging sizes:
A= box 370 x 370 x 180 mm
B= box 500 x 500 x 275 mm
C= reel 800 mm ø

See page 229 for explanations on min. bending radius and temperature ranges

For Shureseal™ liquidtight fittings see pages 248 to 256



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