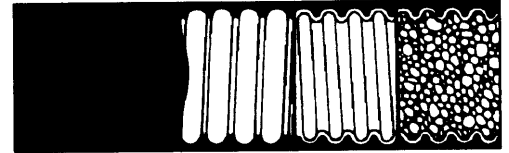




# Technical Data Sheet

## LS2-LSF PVC PLIABLE CONDUIT

CONSTRUCTION : BLACK FLAME RETARDANT,  
(LAYERS) LOW ACID PVC COVERING  
LEADED STEEL  
LEADED STEEL  
KRAFT PAPER



Larger sizes may have additional layers

RECOMMENDED CONNECTOR : C12, C14, C18

### DIMENSIONS

CONDUIT SIZE (mm)  
ORDERING CODES

INSIDE DIAMETER (mm)  
OUTSIDE DIAMETER (mm)  
MINIMUM BEND RADIUS (mm)  
AVERAGE WEIGHT (kg/100m)

### MECHANICAL PROPERTIES

CONNECTOR PULL OFF CLASSIFICATION  
CONDUIT CRUSH CLASSIFICATION

12	16	20	25	32
PHBF 0210	PHBF 0310	PHBF 0410	PHBF 0510	PHBF 0610
PHBF 0230	PHBF 0330	PHBF 0430	PHBF 0530	PHBF 0620
8.3	11.6	14.6	20.4	26.7
14.6	17.8	21.0	27.3	34.0
25.0	30.0	35.0	45.0	55.0
32.0	37.1	47.2	64.4	115.9
HEAVY	HEAVY	HEAVY	HEAVY	HEAVY
HEAVY	HEAVY	HEAVY	HEAVY	V.HEAVY

40	50	63	75
PHBF 0710	PHBF 0810	PHBF 0910	PHBF 1010
PHBF 0720	PHBF 0820	PHBF 0920	PHBF 1020
32.8	45.3	56.3	69.2
40.4	53.1	65.9	79.0
70.0	110.0	145.0	185.0
145.0	206.4	287.7	330.3
HEAVY	HEAVY	HEAVY	HEAVY
HEAVY	HEAVY	HEAVY	HEAVY

(FOR TEST METHODS AND EXPLANATION OF CLASSIFICATIONS SEE SHEET 810100)

### OTHER PROPERTIES

ELECTRICAL "FLASH" VOLTAGE  
INSULATION RESISTANCE  
RESISTANCE TO FLAME PROPAGATION  
IP RATING WITH RECOMMENDED KOPEX  
CONNECTOR  
OPERATING TEMPERATURE RANGE  
COMPLIANCE WITH STANDARDS

GREATER THAN 2kV  
GREATER THAN 100MEG-OHMS  
FLAME DIES IN LESS THAN 30 SECONDS AFTER IGNITION SOURCE REMOVED  
IP 67 (NO INGRESS OF TALCUM POWDER UNDER VACUUM AND NO INGRESS  
OF WATER AT 1m DEPTH FOR 30 MINS.)  
-40 TO +105 DEGREES CELSIUS  
ACCEPTED BY LLOYDS REGISTER OF SHIPPING FOR SUITABLE APPLICATIONS

KOPEX PLIABLE CONDUIT IS INTENDED TO PROTECT CABLES THAT WILL REMAIN STATIC OR WILL ONLY VIBRATE UNDER NORMAL INSTALLATION CONDITIONS.

KOPEX PLIABLE CONDUIT MUST NOT BE USED TO PROTECT CABLES THAT WILL CONTINUALLY FLEX IN SERVICE.  
WHEN INSTALLING WIRING SYSTEMS, ADHERENCE TO THE CURRENT IEE WIRING REGULATIONS IS STRONGLY ADVISED.

THE COMPANY'S POLICY IS ONE OF CONTINUAL IMPROVEMENT AND IT RESERVES THE RIGHT TO CHANGE SPECIFICATIONS AT ANY TIME WITHOUT PRIOR NOTICE.

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