



水務署
Water Supplies Department

總部 Headquarters

香港灣仔告士打道七號入境事務大樓 48 樓

48/F, Immigration Tower, 7 Gloucester Road, Wan Chai, Hong Kong

本署檔號 : (6) in WSD 3321/2021 T/J(1266/2021)
Our ref.
來函檔號 :
Your ref.

電話 :
Tel.
傳真 : 2824 0578
Fax.

1 November 2021

**Approval of “LESSO” PE Fittings
(General Acceptance No. C20211219)**

Your letter dated 18 August 2021 and subsequent submissions received by this department up to 24 September 2021 refer.

Having considered the test report ref. DP-SUMMARY-2018-2 and issued on 31 August 2021 by Castco Testing Centre Limited and WRAS approval no. 2111500, this Authority accepts that the fittings described below comply with, and their use when correctly installed does not contravene, the Waterworks Ordinance and Regulations.

Name of Manufacturer: Guangdong Liansu Technology Industrial Co Ltd

Country of Origin: the Mainland of China

Brand: Lesso

Details of Fittings: PE fittings in black colour (PE100, SDR11)

Description	Size (mm)
Butt Fusion 22.5° Elbow	50, 63
Butt Fusion 11.25° Elbow	50, 63
Electrofusion 90° Elbow	20, 25, 32, 50, 63, 90, 125, 180, 250, 315
Electrofusion 45° Elbow	32, 50, 63, 90, 125, 180, 250, 315
Electrofusion Reducer	32x25, 50x32, 63x32, 63x50, 90x63, 125x90, 315x250

Description	Size (mm)
Electrofusion Tee	20, 32, 50, 63, 90, 125, 180, 250, 315
Electrofusion Reducing Tee	32x32x20, 32x32x25, 50x50x20, 50x50x25, 50x50x32, 63x63x20, 63x63x25, 63x63x32, 63x63x50, 90x90x50, 90x90x63, 125x125x63, 125x125x90, 250x250x50, 250x250x63, 250x250x90, 315x315x90, 315x315x250
11.25° Segmented Bend	90, 125, 180, 250, 315
22.5° Segmented Bend	90, 125, 180, 250, 315

Body Markings:

For Butt Fusion Elbow and Segmented Bend:

LESSO PE100 SDR11 B/F Elbow size x angle

For Electrofusion Elbow:

LESSO PE100 SDR11 E/F Elbow size x angle

For Electrofusion Tee:

LESSO PE100 SDR11 E/F Tee size

For Electrofusion Reducing Tee:

LESSO PE100 SDR11 E/F Reducing Tee
size x size

For Electrofusion Reducer:

LESSO PE100 SDR11 E/F Reducer size x size

Expiry Date:

12 February 2023

This Authority hereby permits the use of the above fittings in fresh water plumbing systems and flushing water plumbing systems subject to full adherence to Waterworks installation requirements.

A condition of this acceptance is that the fittings to be installed shall be replicas of the samples as certified by the testing agent mentioned above and without modifications. This acceptance may be withdrawn at any time if the standard of the fittings installed fail to meet that of the approved samples or if the fittings are found to be unsuitable for use in the water supply systems mentioned above.

For the use of the fittings in any project, the General Acceptance Number of this letter must be quoted as a means of identification of acceptance of the fittings by this Authority.

Should you have any enquiries, please contact our Engineer Ms Winnie LO at tel. no. 3583 4086.

Yours faithfully,



(Roger WONG)
for Director of Water Supplies

Encl.

c.c. WSD 3321/1/82] - without catalogue
 ME/MC] - with soft copy only



Butt Fusion 22.5° Elbow



Butt Fusion 11.25° Elbow



Electrofusion 90° Elbow



Electrofusion 45° Elbow



Electrofusion Reducer



Electrofusion Tee



Electrofusion Reducing Tee



11.25° Segmented Bend



22.5° Segmented Bend