

LESEN PENSIJILAN BARANGAN

Product Certification Licence



SIRIM QAS International Sdn. Bhd. dengan ini menganugerahkan kepada
SIRIM QAS International Sdn. Bhd. hereby grants to

SPIROLITE (M) SDN. BHD.
LOT 4, JALAN P/2A
KAWASAN PERINDUSTRIAN
43650 BANDAR BARU BANGI
SELANGOR, MALAYSIA

Lesen untuk menggunakan Tanda Pensijilan di atas barangan
a licence to use the Certification Mark on

POLYETHYLENE (PE) PIPES FOR WATER SUPPLY

Please refer to detail in the SCHEDULE

sebagai mematuhi keperluan
as complying with

ISO 4427-2 : 2019



Ts. Md. Adha bin Katni @ Rahmat
Ketua Pegawai Eksekutif
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.



SCHEDULE

SPIROLITE (M) SDN. BHD.



Trade Mark	: SPIROLITE, APS, LESSO
Model	: PE 100
Rating	: PN 6, SDR 26
Type	: PE 100 BLACK COMPOUND - BORSAFE HE3490LS; PE 100 BLUE COMPOUND - BORSTAR HE3494-LS-H, EL-LENE H1000PBL; PIPES ARE BLACK WITH OR WITHOUT BLUE STRIPE; RECOMMENDED OF JOINT: ELECTROFUSION
Size	: NOMINAL OUTSIDE DIAMETER (mm): 50, 63, 75, 90, 110, 125, 140, 160, 180, 200, 225, 250, 280, 315, 355, 400, 450, 500, 560 AND 630
Trade Mark	: SPIROLITE, APS, LESSO
Model	: PE 100
Rating	: PN 8, SDR 21
Type	: PE 100 BLACK COMPOUND - BORSAFE HE3490LS; PE 100 BLUE COMPOUND - BORSTAR HE3494-LS-H, EL-LENE H1000PBL; PIPES ARE BLACK WITH OR WITHOUT BLUE STRIPE; RECOMMENDED OF JOINT: ELECTROFUSION
Size	: NOMINAL OUTSIDE DIAMETER (mm): 40, 50, 63, 75, 90, 110, 125, 140, 160, 180, 200, 225, 250, 280, 315, 355, 400, 450, 500, 560 AND 630
Trade Mark	: SPIROLITE, APS, LESSO
Model	: PE 100
Rating	: PN 10, SDR 17
Type	: PE 100 BLACK COMPOUND - BORSAFE HE3490LS; PE 100 BLUE COMPOUND - BORSTAR HE3494-LS-H, EL-LENE H1000PBL; (PIPES ARE BLACK WITH OR WITHOUT BLUE STRIPE)
Size	: NOMINAL OUTSIDE DIAMETER (mm): 32, 40, 50, 63, 75, 90, 110, 125, 140, 160, 180, 200, 225, 250, 280, 315, 355, 400, 450, 500, 560 AND 630
Trade Mark	: SPIROLITE, APS, LESSO
Model	: PE 100
Rating	: PN 12.5, SDR 13.6
Type	: PE 100 BLACK COMPOUND - BORSAFE HE3490LS; PE 100 BLUE COMPOUND - BORSTAR HE3494-LS-H, EL-LENE H1000PBL; (PIPES ARE BLACK WITH OR WITHOUT BLUE STRIPE)
Size	: NOMINAL OUTSIDE DIAMETER (mm): 25, 32, 40, 50, 63, 75, 90, 110, 125, 140, 160, 180, 200, 225, 250, 280, 315, 355, 400, 450, 500, 560 AND 630

SIRIM QAS International Sdn. Bhd.
(No. Syarikat 199601037981(410334-X))

1, Persiaran Dato' Menteri
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MALAYSIA.

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Emel : cserviceqas@sirim.my

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Tarikh Mula Pensijilan : 28 September 2001

Certified Since

Sah Sehingga : 28 September 2026

Valid Until

Tarikh Dikeluarkan : 11 September 2025

Issue Date

No Siri : 116368

Serial No

Lesen ini dianugerahkan tertakluk kepada syarat-syarat Perjanjian Pensijilan Barangan SIRIM QAS International Sdn. Bhd.
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SCHEDULE

SPIROLITE (M) SDN. BHD.



Trade Mark : SPIROLITE, APS, LESSO
Model : PE 100
Rating : PN 16, SDR 11
Type : PE 100 BLACK COMPOUND - BORSAFE HE3490LS; PE 100 BLUE COMPOUND - BORSTAR HE3494-LS-H, EL-LENE H1000PBL; PIPES ARE BLACK WITH OR WITHOUT BLUE STRIPE; RECOMMENDED OF JOINT: ELECTROFUSION
Size : NOMINAL OUTSIDE DIAMETER (mm): 20, 25, 32, 40, 50, 63, 75, 90, 110, 125, 140, 160, 180, 200, 225, 250, 280, 315, 355, 400, 450, 500, 560 AND 630

Trade Mark : SPIROLITE, APS, LESSO
Model : PE 100
Rating : PN 20, SDR 9
Type : PE 100 BLACK COMPOUND - BORSAFE HE3490LS; PE 100 BLUE COMPOUND - BORSTAR HE3494-LS-H, EL-LENE H1000PBL; PIPES ARE BLACK WITH OR WITHOUT BLUE STRIPE; RECOMMENDED OF JOINT: ELECTROFUSION
Size : NOMINAL OUTSIDE DIAMETER (mm): 20, 25, 32, 40, 50, 63, 75, 90, 110, 125, 140, 160, 180, 200, 225, 250, 280, 315, 355, 400, 450, 500, 560 AND 630

Trade Mark : SPIROLITE, APS, LESSO
Model : PE 100
Rating : PN 6, SDR 26
Type : PE 100 BLACK COMPOUND - P901BK; PE 100 BLUE COMPOUND - BORSTAR HE3494-LS-H, EL-LENE H1000PBL; PIPES ARE BLACK WITH OR WITHOUT BLUE STRIPE; RECOMMENDED OF JOINT: BUTT FUSION
Size : NOMINAL OUTSIDE DIAMETER (mm): 50, 63, 75, 90, 110, 125, 140, 160, 180, 200 AND 225

Trade Mark : SPIROLITE, APS, LESSO
Model : PE 100
Rating : PN 8, SDR 21
Type : PE 100 BLACK COMPOUND - P901BK; PE 100 BLUE COMPOUND - BORSTAR HE3494-LS-H, EL-LENE H1000PBL; PIPES ARE BLACK WITH OR WITHOUT BLUE STRIPE; RECOMMENDED OF JOINT: BUTT FUSION
Size : NOMINAL OUTSIDE DIAMETER (mm): 40, 50, 63, 75, 90, 110, 125, 140, 160, 180, 200 AND 225

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Rating : PN 10, SDR 17
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HE3494-LS-H, EL-LENE H1000PBL; PIPES ARE BLACK WITH OR WITHOUT
BLUE STRIPE; RECOMMENDED OF JOINT: BUTT FUSION
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Trade Mark : SPIROLITE, APS, LESSO
Model : PE 100
Rating : PN 12.5, SDR 13.6
Type : PE 100 BLACK COMPOUND - P901BK; PE 100 BLUE COMPOUND - BORSTAR
HE3494-LS-H, EL-LENE H1000PBL; PIPES ARE BLACK WITH OR WITHOUT
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Size : NOMINAL OUTSIDE DIAMETER (mm): 25, 32, 40, 50, 63, 75, 90, 110, 125, 140,
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