

# 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**



**Nur Fadhilah binti Muhammad**  
Ketua Pegawai Eksekutif  
*Chief Executive Officer*  
SIRIM QAS International Sdn. Bhd.



# SCHEDULE

**SPIROLITE (M) SDN. BHD.**



Trade Mark : SPIROLITE, APS  
 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, 160, 180, 200, 225, 250, 280, 315, 355, 400, 450, 500, 560 AND 630

Trade Mark : SPIROLITE, APS  
 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, 160, 180, 200, 225, 250, 280, 315, 355, 400, 450, 500, 560 AND 630

Trade Mark : SPIROLITE, APS  
 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, 160, 180, 200, 225, 250, 280, 315, 355, 400, 450, 500, 560 AND 630

Trade Mark : SPIROLITE, APS  
 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, 160, 180, 200, 225, 250, 280, 315, 355, 400, 450, 500, 560 AND 630

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

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<https://www.malaysiancertified.com.my>

**Tarikh Mula Pensijilan : 28 September 2001**

*Certified Since*

**Sah Sehingga : 28 September 2025**

*Valid Until*

**Tarikh Dikeluarkan : 16 August 2024**

*Issue Date*

**No Siri : 101493**

*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  
 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, 160, 180, 200, 225, 250, 280, 315, 355, 400, 450, 500, 560 AND 630

Trade Mark : SPIROLITE, APS  
 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, 160, 180, 200 AND 225

Trade Mark : SPIROLITE, APS  
 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, 160, 180, 200 AND 225

Trade Mark : SPIROLITE, APS  
 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, 160, 180, 200 AND 225

# SCHEDULE

## SPIROLITE (M) SDN. BHD.



Trade Mark	: SPIROLITE, APS
Model	: PE 100
Rating	: PN 10, SDR 17
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): 32, 40, 50, 63, 75, 90, 110, 125, 160, 180, 200 AND 225
Trade Mark	: SPIROLITE, APS
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 BLUE STRIPE; RECOMMENDED OF JOINT: BUTT FUSION
Size	: NOMINAL OUTSIDE DIAMETER (mm): 25, 32, 40, 50, 63, 75, 90, 110, 125, 160, 180, 200 AND 225
Trade Mark	: SPIROLITE, APS
Model	: PE 100
Rating	: PN 16, SDR 11
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): 20, 25, 32, 40, 50, 63, 75, 90, 110, 125, 160, 180, 200 AND 225
Trade Mark	: SPIROLITE, APS
Model	: PE 100
Rating	: PN 20, SDR 9
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): 20, 25, 32, 40, 50, 63, 75, 90, 110, 125, 160, 180, 200 AND 225

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