No Lesen : **PS006004**
*Licence No :*

# LESEN PENSIJILAN BARANGAN
## *Product Certification Licence*

SIRIM

**SIRIM Berhad dengan ini menganugerahkan kepada**
*SIRIM Berhad 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**

**FAUZIAH BINTI FADZIL**
Pemangku Ketua Pegawai Penilaian Pematuhan
*Covering Chief Conformity Assessment Officer*
Bahagian Penilaian Pematuhan
*Conformity Assessment Division*
SIRIM Berhad

**SIRIM Berhad**
((No. Syarikat 199501038272(367474-V)))

1, Persiaran Dato' Menteri
P.O. Box 7035, Seksyen 2
40700 Shah Alam
Selangor
MALAYSIA.

Tel : 603-5544 6000
Emel : web@sirim.my

www.sirim.my
https://www.malaysiancertified.com.my

| | | | |
|---|---|---|---|
| **Tarikh Mula Pensijilan** | **: 28 September 2001** | **Tarikh Dikeluarkan** | **: 27 October 2026** |
| *Certified Since* | | *Issue Date* | |
| **Sah Sehingga** | **: 28 September 2027** | **No Siri** | : 135555 |
| *Valid Until* | | *Serial No* | |

Lesen ini dianugerahkan tertakluk kepada syarat-syarat Perjanjian Pensijilan Barangan SIRIM Berhad
*This Licence is granted subject to the provisions of the Product Certification Agreement of SIRIM Berhad*

No Lesen : **PS006004**
*Licence No :*

# SCHEDULE

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

SIRIM

| | |
|---|---|
| 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 Berhad**
((No. Syarikat 199501038272(367474-V)))

1, Persiaran Dato' Menteri
P.O. Box 7035, Seksyen 2
40700 Shah Alam
Selangor
MALAYSIA.

Tel : 603-5544 6000
Emel : web@sirim.my

www.sirim.my
https://www.malaysiancertified.com.my

| | | | |
|---|---|---|---|
| **Tarikh Mula Pensijilan** | **: 28 September 2001** | **Tarikh Dikeluarkan** | **: 27 October 2026** |
| *Certified Since* | | *Issue Date* | |
| **Sah Sehingga** | **: 28 September 2027** | **No Siri** | : 135555 |
| *Valid Until* | | *Serial No* | |

Lesen ini dianugerahkan tertakluk kepada syarat-syarat Perjanjian Pensijilan Barangan SIRIM Berhad
*This Licence is granted subject to the provisions of the Product Certification Agreement of SIRIM Berhad*

No Lesen : **PS006004**
*Licence No :*

# SCHEDULE

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

SIRIM

| | |
|---|---|
| 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 |

**SIRIM Berhad**
((No. Syarikat 199501038272(367474-V)))

1, Persiaran Dato' Menteri
P.O. Box 7035, Seksyen 2
40700 Shah Alam
Selangor
MALAYSIA.

Tel : 603-5544 6000
Emel : web@sirim.my

www.sirim.my
https://www.malaysiancertified.com.my

| | | | |
|---|---|---|---|
| **Tarikh Mula Pensijilan** | **: 28 September 2001** | **Tarikh Dikeluarkan** | **: 27 October 2026** |
| *Certified Since* | | *Issue Date* | |
| **Sah Sehingga** | **: 28 September 2027** | **No Siri** | : 135555 |
| *Valid Until* | | *Serial No* | |

Lesen ini dianugerahkan tertakluk kepada syarat-syarat Perjanjian Pensijilan Barangan SIRIM Berhad
*This Licence is granted subject to the provisions of the Product Certification Agreement of SIRIM Berhad*

No Lesen : **PS006004**
*Licence No :*

# SCHEDULE

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

SIRIM

| | |
|---|---|
| Trade Mark | : SPIROLITE, APS, LESSO |
| 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, 140, 160, 180, 200 AND 225 |

| | |
|---|---|
| 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 BLUE STRIPE; RECOMMENDED OF JOINT: BUTT FUSION |
| Size | : NOMINAL OUTSIDE DIAMETER (mm): 25, 32, 40, 50, 63, 75, 90, 110, 125, 140, 160, 180, 200 AND 225 |

| | |
|---|---|
| Trade Mark | : SPIROLITE, APS, LESSO |
| 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, 140, 160, 180, 200 AND 225 |

| | |
|---|---|
| Trade Mark | : SPIROLITE, APS, LESSO |
| 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, 140, 160, 180, 200 AND 225 |

***End of page***

**SIRIM Berhad**
((No. Syarikat 199501038272(367474-V)))

1, Persiaran Dato' Menteri
P.O. Box 7035, Seksyen 2
40700 Shah Alam
Selangor
MALAYSIA.

Tel : 603-5544 6000
Emel : web@sirim.my

www.sirim.my
https://www.malaysiancertified.com.my

| | | | |
|---|---|---|---|
| **Tarikh Mula Pensijilan** | **: 28 September 2001** | **Tarikh Dikeluarkan** | **: 27 October 2026** |
| *Certified Since* | | *Issue Date* | |
| **Sah Sehingga** | **: 28 September 2027** | **No Siri** | : 135555 |
| *Valid Until* | | *Serial No* | |

Lesen ini dianugerahkan tertakluk kepada syarat-syarat Perjanjian Pensijilan Barangan SIRIM Berhad
*This Licence is granted subject to the provisions of the Product Certification Agreement of SIRIM Berhad*