



No Lesen : PS006001

Licence No :

LESEN PENSIJILAN BARANGAN

Product Certification Licence



SIRIM

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



ISO/IEC 17065 : 2012
PC 05102004 CB 01

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

MS 1058 : PART 2 : 2005

Mohd Azanuddin bin Salleh
Pengarah Urusan
Managing Director
SIRIM QAS International Sdn. Bhd.



SIRIM QAS International Sdn. Bhd.
(No. Syarikat 410334-X)
1, Persiaran Dato' Menteri
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Selangor Darul Ehsan
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<http://www.sirim.my>
<http://www.malaysian-certified.my>

Tarikh Mula Pensijilan : 25 February 1991

Certified Since

Sah Sehingga : 25 February 2019

Valid Until

Tarikh Dikeluarkan : 09 March 2018

Issue Date

No Siri : 036953

Serial No

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SCHEDULE

SPIROLITE (M) SDN. BHD.



Trade Mark : SPIROLITE, APS
 Model : PE 80
 Rating : PN 8, SDR 17
 Type : PE 80 BLACK COMPOUND - ETLHD 12BK, EL-LENE H5211PC;
 PE 80 BLUE COMPOUND - BORSAFE ME 3444;
 (PIPES ARE BLACK WITH OR WITHOUT BLUE STRIPES)
 Size : NOMINAL OUTSIDE DIAMETER (MM) : 32, 40, 50, 63, 75, 90, 110, 125, 160, 180,
 200, 225, 250, 280, 315, 355, 400 AND 450



ISO/IEC 17065 : 2012
 PC 05102004 CB 01

Trade Mark : SPIROLITE, APS
 Model : PE 80
 Rating : PN 6.3, SDR 21
 Type : PE 80 BLACK COMPOUND - ETLHD 12BK, EL-LENE H5211PC;
 PE 80 BLUE COMPOUND - BORSAFE ME 3444;
 (PIPES ARE BLACK WITH OR WITHOUT BLUE STRIPES)
 Size : NOMINAL OUTSIDE DIAMETER (MM) : 40, 50, 63, 75, 90, 110, 125, 160, 180,
 200, 225, 250, 280, 315, 355, 400 AND 450

Trade Mark : SPIROLITE, APS
 Model : PE 80
 Rating : PN 10, SDR 13.6
 Type : PE 80 BLACK COMPOUND - ETLHD 12BK, EL-LENE H5211PC;
 PE 80 BLUE COMPOUND - BORSAFE ME 3444;
 (PIPES ARE BLACK WITH OR WITHOUT BLUE STRIPES)
 Size : NOMINAL OUTSIDE DIAMETER (MM) : 25, 32, 40, 50, 63, 75, 90, 110, 125, 160,
 180, 200, 225, 250, 280, 315, 355, 400 AND 450

Trade Mark : SPIROLITE, APS
 Model : PE 80
 Rating : PN 12.5, SDR 11
 Type : PE 80 BLACK COMPOUND - ETLHD 12BK, EL-LENE H5211PC;
 PE 80 BLUE COMPOUND - BORSAFE ME 3444;
 (PIPES ARE BLACK WITH OR WITHOUT BLUE STRIPES)
 Size : NOMINAL OUTSIDE DIAMETER (MM) : 25, 32, 40, 50, 63, 75, 90, 110, 125, 160,
 180, 200, 225, 250, 280, 315, 355, 400 AND 450

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SCHEDULE

SPIROLITE (M) SDN. BHD.



Trade Mark : SPIROLITE, APS
 Model : PE 80
 Rating : PN 16, SDR 9
 Type : PE 80 BLACK COMPOUND - ETLHD 12BK, EL-LENE H5211PC;
 PE 80 BLUE COMPOUND - BORSAFE ME 3444;
 (PIPES ARE BLACK WITH OR WITHOUT BLUE STRIPES)
 Size : NOMINAL OUTSIDE DIAMETER (MM) : 20, 25, 32, 40, 50, 63, 75, 90, 110, 125,
 160, 180, 200, 225, 250, 280, 315, 355, 400 AND 450



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;
 (PIPES ARE BLACK WITH OR WITHOUT BLUE STRIPES)
 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 12.5, SDR 13.6
 Type : PE 100 BLACK COMPOUND - BORSAFE HE3490LS;
 PE 100 BLUE COMPOUND - BORSTAR HE3494;
 (PIPES ARE BLACK WITH OR WITHOUT BLUE STRIPES)
 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 16, SDR 11
 Type : PE 100 BLACK COMPOUND - BORSAFE HE3490LS;
 PE 100 BLUE COMPOUND - BORSTAR HE3494;
 (PIPES ARE BLACK WITH OR WITHOUT BLUE STRIPES)
 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 80
 Rating : PN 8, SDR 17
 Type : PE 80 BLACK COMPOUND - BORSAFE ME3440; PE 80 BLUE COMPOUND -
 BORSAFE ME 3444; (PIPES ARE BLACK WITH OR WITHOUT BLUE STRIPES)
 Size : NOMINAL OUTSIDE DIAMETER (MM) : 32, 40, 50, 63, 75, 90, 110, 125, 160, 180,
 200 AND 225

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Trade Mark : SPIROLITE, APS
 Model : PE 80
 Rating : PN 6.3, SDR 21
 Type : PE 80 BLACK COMPOUND - BORSAFE ME3440; PE 80 BLUE COMPOUND - BORSAFE ME 3444; (PIPES ARE BLACK WITH OR WITHOUT BLUE STRIPES)
 Size : NOMINAL OUTSIDE DIAMETER (MM) : 40, 50, 63, 75, 90, 110, 125, 160, 180, 200 AND 225



Trade Mark : SPIROLITE, APS
 Model : PE 80
 Rating : PN 10, SDR 13.6
 Type : PE 80 BLACK COMPOUND - BORSAFE ME3440; PE 80 BLUE COMPOUND - BORSAFE ME 3444; (PIPES ARE BLACK WITH OR WITHOUT BLUE STRIPES)
 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 80
 Rating : PN 12.5, SDR 11
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Trade Mark : SPIROLITE, APS
 Model : PE 80
 Rating : PN 16, SDR 9
 Type : PE 80 BLACK COMPOUND - BORSAFE ME3440; PE 80 BLUE COMPOUND - BORSAFE ME 3444; (PIPES ARE BLACK WITH OR WITHOUT BLUE STRIPES)
 Size : NOMINAL OUTSIDE DIAMETER (MM) : 20, 25, 32, 40, 50, 63, 75, 90, 110, 125, 160, 180, 200 AND 225

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