

SURUHANJAYA PERKHIDMATAN AIR NEGARA

SIJIL PENDAFTARAN PEMBEKAL

(SUPPLIER REGISTRATION CERTIFICATION)

Adalah dengan ini diperakui bahawa syarikat seperti yang tercatat di bawah telah berdaftar dengan Suruhanjaya Perkhidmatan Air Negara bagi kegunaan industri perkhidmatan air di negeri -negeri Semenanjung Malaysia serta Wilayah Persekutuan Putrajaya dan Labuan sahaja.

(This is to certify that the following company have been registered with Suruhanjaya Perkhidmatan Air Negara to be used in the water services industry in Peninsular Malaysia and Federal Territory of Putrajaya and Labuan only.)

No. Rujukan Pendaftaran (Reference of Registration No.)	:	10/2024/0026/A/W-62
Alamat Syarikat Pembekal (Name and Address of Supplier)	:	SPIROLITE (M) SDN. BHD., LOT 4, JALAN P/2A, KAWASAN PERINDUSTRIAN BANGI, KAWASAN PERINDUSTRIAN BANGI, 43650 BANDAR BARU BANGI, SELANGOR DARUL EHSAN

MAKLUMAT PRODUK ATAU SISTEM(PARTICULARS OF PRODUCT OR SYSTEM)

Kategori (Category)	:	A - WATER FITTINGS
Nama Produk atau Sistem (Product or System Name)	:	POLYETHYLENE (PE) FITTINGS
Perihal Produk atau Sistem (Product or System Description)	:	Model - Siri: Rujuk perincian model dan spesifikasi di lampiran
Jenama (Brand Name)	:	LESSO
Piawai (Standard)	:	MS 1058:PART 3:2023
Kegunaan (Application)	:	SISTEM BEKALAN AIR
Nama dan Alamat Pembuat (Name and Address of Manufacturer)	:	GUANGDONG LIANSU TECHNOLOGY INDUSTRIAL CO., LTD, LIANSU INDUSTRIAL ESTATE, LONGZHOU ROAD, LONGJIANG TOWN, SHUNDE DISTRICT, 528318 FOSHAN, GUANGDONG, CHINA
Nama dan Alamat Prinsipal (Name and Address of Principal)	:	SPIROLITE (M) SDN. BHD., LOT 4, JALAN P/2A,, KAWASAN PERINDUSTRIAN BANGI,, 43650, BANDAR BARU BANGI, SELANGOR DARUL EHSAN
Sah Sehingga (Valid Until)	:	06 JAN 2029

Sijil yang dikeluarkan adalah tertakluk kepada SYARAT-SYARAT AM (Bahagian A) dan SYARAT-SYARAT KHUSUS (Bahagian B).
(The Certificate issued is subject to the GENERAL CONDITIONS (Section A) and SPECIFIC CONDITIONS (Section B))

(DATO' HJ. AHMAD FAIZAL BIN ABDUL RAHMAN)
KETUA PEGAWAI EKSEKUTIF
Suruhanjaya Perkhidmatan Air Negara (SPAN)



Tarikh Dikeluarkan
(Issue Date) : 07 JAN 2026

BAHAGIAN A : SYARAT-SYARAT AM

1. Kelulusan ini adalah terpakai di Semenanjung Malaysia serta Wilayah Persekutuan Putrajaya dan Labuan sahaja.
2. Pembekal hendaklah:
 - (a) membekalkan pemasangan, peranti atau kelengkapan sepertimana yang telah diluluskan dalam sijil pendaftaran;
 - (b) tempoh yang ditentukan oleh Suruhanjaya;
 - (c) mematuhi peruntukan Akta dan mana-mana perundangan subsidiari yang dibuat di bawah Akta;
 - (d) memastikan pemasangan, peranti atau kelengkapan yang dibekalkan mematuhi sepenuhnya standard yang diiktiraf dan apa-apa standard lain yang dinilai melalui penilaian pematuhan, mengikut mana yang berkenaan, pada setiap masa;
 - (e) memastikan tiada kemerosotan kualiti pemasangan, peranti atau kelengkapan yang dibekalkan; dan
 - (f) mematuhi apa-apa arahan yang dikeluarkan oleh Suruhanjaya dari masa ke semasa.

BAHAGIAN B : SYARAT-SYARAT KHUSUS

NA

No Fail : 10/2024/0026/A/W-62
 No. Sijil : SPAN/BPAI/0042-2026
 Tarikh : 07 JAN 2026



SENARAI PRODUK YANG DIBEKALKAN

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

PRODUK : POLYETHYLENE (PE) FITTINGS

Model-model yang diluluskan oleh SPAN adalah seperti di bawah

No	Model	Series/Rating	Type/Size/Description
1	ELBOW 45° (EF)	PN 16, SDR 11, PE 100 / PN 16	JOINT WITH ELECTROFUSION / NOMINAL DIAMETER (MM): 32, 40, 50, 63, 75, 90, 110, 125, 160, 180, 200, 225, 250, 315, 355 AND 400 / POLYETHYLENE (PE) FITTINGS
2	ELBOW 90° (EF)	PN 16, SDR 11, PE 100 / PN 16	JOINT WITH ELECTROFUSION / NOMINAL DIAMETER (MM): 20, 25, 32, 40, 50, 63, 75, 90, 110, 125, 160, 180, 200, 225, 250, 315, 355 AND 400 / POLYETHYLENE (PE) FITTINGS
3	TEE (EF)	PN 16, SDR 11, PE 100 / PN 16	JOINT WITH ELECTROFUSION / NOMINAL DIAMETER (MM): 20, 25, 32, 40, 50, 63, 75, 90, 110, 125, 160, 180, 200, 225, 250, 280, 315, 355 AND 400 / POLYETHYLENE (PE) FITTINGS
4	REDUCING TEE (EF)	PN 16, SDR 11, PE 100 / PN 16	JOINT WITH ELECTROFUSION / NOMINAL DIAMETER (MM): 32X20, 32X25, 40X20, 40X25, 40X32, 50X20, 50X25, 50X32, 50X40, 63X20, 63X25, 63X32, 63X40, 63X50, 75X40, 75X50, 75X63, 90X40, 90X50, 90X63, 90X75, 110X50, 110X63, 110X75, 110X90, 125X63, 125X75, 125X90, 125X110, 160X50, 160X63, 160X75, 160X90, 160X110, 180X160, 200X50, 200X63, 200X75, 200X90, 200X110, 200X160, 225X160, 250X50, 250X63, 250X75, 250X90, 250X110, 250X160, 250X200, 315X90, 315X110, 315X160, 315X200, 315X250, 400X110, 400X160, 400X200, 400X250 AND 400X315 / POLYETHYLENE (PE) FITTINGS
5	REDUCER (EF)	PN 16, SDR 11, PE 100 / PN 16	JOINT WITH ELECTROFUSION / NOMINAL DIAMETER (MM): 32X25, 40X32, 50X32, 50X40, 63X32, 63X40, 63X50, 75X63, 90X63, 90X75, 110X50, 110X63, 110X75, 110X90, 125X90, 125X110, 160X90, 160X110, 200X110, 200X160, 225x110, 225x160, 250X110, 250X160, 250X200, 315X160, 315X200, 315X250, 400X200 AND 400X315 / POLYETHYLENE (PE) FITTINGS
6	COUPLER (EF)	PN 16, SDR 11, PE 100 / PN 16	JOINT WITH ELECTROFUSION / NOMINAL 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 / POLYETHYLENE (PE) FITTINGS
7	STUD END (BF)	PN 16, SDR 11, PE 100 / PN 16	JOINT WITH BUTT FUSION / NOMINAL SIZE (MM): 50, 63, 75, 90, 110, 125, 160, 180, 200, 225, 250, 280, 315, 355, 400 AND 500 / POLYETHYLENE (PE) FITTINGS

8	END CAP (BF)	PN 16, SDR 11, PE 100 / PN 16	JOINT WITH BUTT FUSION / NOMINAL SIZE (MM): 63, 75, 90, 110, 125, 160, 180, 200, 225, 250, 315, 355 AND 400 / POLYETHYLENE (PE) FITTINGS
9	TAPPING SADDLE (EF)	PN 16, SDR 11, PE 100 / PN 16	JOINT WITH ELECTROFUSION / NOMINAL DIAMETER (MM): 63×25, 63×32, 75×32, 90×32, 90×63, 110×32, 110×40, 110×63, 125×32, 125×63, 160×32, 160×63, 180×32, 180×63, 200×32, 200×63, 200×90, 250×90, 315×110 AND 315×160 / POLYETHYLENE (PE) FITTINGS
10	STRAIGHT SADDLE (EF)	PN 16, SDR 11, PE 100 / PN 16	JOINT WITH ELECTROFUSION / NOMINAL DIAMETER (MM): 75×63, 90×63, 110×63, 125×63, 180×63, 200×63, 200×90, 250×63, 250×90, 315×63, 315×90, 315×110 AND 315×160 / POLYETHYLENE (PE) FITTINGS
11	STOP SADDLE (EF)	PN 16, SDR 11, PE 100 / PN 16	JOINT WITH ELECTROFUSION / NOMINAL DIAMETER (MM): 90, 110, 125, 160, 200, 250 AND 315 / POLYETHYLENE (PE) FITTINGS
12	ELBOW 11.25° (EF)	PN 16, SDR 11, PE 100 / PN 16	JOINT WITH ELECTROFUSION / NOMINAL DIAMETER (MM): 50, 63, 75, 90, 110 AND 125 / POLYETHYLENE (PE) FITTINGS
13	ELBOW 22.5° (EF)	PN 16, SDR 11, PE 100 / PN 16	JOINT WITH ELECTROFUSION / NOMINAL DIAMETER (MM): 50, 63, 75, 90, 110 AND 125 / POLYETHYLENE (PE) FITTINGS
14	NEW TYPE ELECTRO FUSION COUPLER	PN 16, SDR 11, PE 100 / PN 16	JOINT WITH ELECTROFUSION / NOMINAL DIAMETER (MM): 90, 110, 160 AND 200 / POLYETHYLENE (PE) FITTINGS
15	STUB FLANGE (EF)	PN 16, SDR 11, PE 100 / PN 16	JOINT WITH ELECTROFUSION / NOMINAL DIAMETER (MM): 50, 63, 75, 90, 110, 160, 200, 225, 250, 315, 355, 400, 450, 500 AND 630 / POLYETHYLENE (PE) FITTINGS
16	STUB FLANGE (SHORT) (EF)	PN 16, SDR 11, PE 100 / PN 16	JOINT WITH ELECTROFUSION / NOMINAL DIAMETER (MM): 110 / POLYETHYLENE (PE) FITTINGS
17	FLANGE (STEEL TRAY) (EF)	PN 16, SDR 11, PE 100 / PN 16	JOINT WITH ELECTROFUSION / NOMINAL DIAMETER (MM) : 50, 63, 75, 90, 110, 160, 200, 250, 315, 400, 500 AND 630 / POLYETHYLENE (PE) FITTINGS
18	REDUCER - PN 16 (SE)	PN 16, SDR 11, PE 100 / PN 16	JOINT WITH SPIGOT END / NOMINAL DIAMETER (MM): 75×63, 90×63, 90×75, 110×50, 110×63, 110×75, 110×90, 125×63, 125×90, 125×110, 160×90, 160×110, 160×125, 180×63, 180×110, 180×160, 200×110, 200×160, 200×180, 225×160, 225×200, 250×110, 250×160, 250×200, 250×225, 315×160, 315×180, 315×200, 315×225, 315×250 AND 400×225 / POLYETHYLENE (PE) FITTINGS
19	REDUCER - PN 12.5 (SE)	PN 12.5, SDR 13.6, PE 100 / PN 12.5	JOINT WITH SPIGOT END / NOMINAL DIAMETER (MM): 280×110, 280×160, 280×200, 315×110, 315×160, 315×200, 315×225, 315×250 AND 315×280 / POLYETHYLENE (PE) FITTINGS
20	REDUCER - PN 10 (SE)	PN 10, SDR 17, PE 100 / PN 10	JOINT WITH SPIGOT END / NOMINAL DIAMETER (MM): 75×63, 90×63, 90×75, 110×50, 110×63, 110×75, 110×90, 125×63, 125×90, 125×110, 160×90, 160×110, 160×125, 180×63, 180×110, 180×160, 200×110, 200×160, 200×180, 225×160, 225×200, 250×110, 250×160, 250×200, 250×225, 280×110, 280×160, 280×200, 315×110, 315×160, 315×180, 315×200, 315×225, 315×250, 315×280, 355×200, 355×250, 355×315, 400×200, 400×225, 400×250, 400×280, 400×315, 450×200, 450×250, 450×315, 500×315, 500×355, 500×400, 500×450, 560×400, 560×450, 560×500, 630×315, 630×400 AND 630×500 / POLYETHYLENE (PE) FITTINGS
21	REDUCER - PN 6 (SE)	PN 6, SDR 26, PE 100 / PN 6	JOINT WITH SPIGOT END / NOMINAL DIAMETER (MM): 500×315, 500×355, 500×400, 500×450, 560×315, 560×400, 560×450 AND 560×500 / POLYETHYLENE (PE) FITTINGS

22	ELBOW 90° - PN 16 (SE)	PN 16, SDR 11, PE 100 / PN 16	JOINT WITH SPIGOT END / NOMINAL DIAMETER (MM): 63, 75, 90, 110, 125, 160, 180, 200, 225, 250, 280, 315 AND 355 / POLYETHYLENE (PE) FITTINGS
23	ELBOW 90° - PN 10 (SE)	PN 10, SDR 17, PE 100 / PN 10	JOINT WITH SPIGOT END / NOMINAL DIAMETER (MM): 75, 90, 110, 125, 160, 180, 200, 225, 250, 280, 315 AND 355 / POLYETHYLENE (PE) FITTINGS
24	ELBOW 45° - PN 16 (SE)	PN 16, SDR 11, PE 100 / PN 16	JOINT WITH SPIGOT END / NOMINAL DIAMETER (MM) : 75, 90, 110, 125, 160, 180, 200, 225, 250, 280, 315 AND 400 / POLYETHYLENE (PE) FITTINGS
25	ELBOW 45° - PN 10 (SE)	PN 10, SDR 17, PE 100 / PN 10	JOINT WITH SPIGOT END / NOMINAL DIAMETER (MM): 75, 90, 110, 125, 160, 180, 200, 225, 250, 280 AND 315 / POLYETHYLENE (PE) FITTINGS
26	CROSS - PN 16 (SE)	PN 16, SDR 11, PE 100 / PN 16	JOINT WITH SPIGOT END / NOMINAL DIAMETER (MM) : 63, 75, 90, 110, 125, 160, 200 AND 225 / POLYETHYLENE (PE) FITTINGS
27	CROSS - PN 10 (SE)	PN 10, SDR 17, PE 100 / PN 10	JOINT WITH SPIGOT END / NOMINAL DIAMETER (MM): 63, 75, 90, 160, 110, 125, 200, 225 AND 315 / POLYETHYLENE (PE) FITTINGS
28	REDUCING TEE - PN 16 (SE)	PN 16, SDR 11, PE 100 / PN 16	JOINT WITH SPIGOT END / NOMINAL DIAMETER (MM) : 110×63, 110×75, 110×90, 160×63, 160×75, 160×90, 160×110, 200×50, 200×63, 200×75, 200×90, 200×110, 200×160, 250×50, 250×63, 250×75, 250×90, 250×110, 250×160, 250×200, 315×110, 315×160, 315×180, 315×200, 400×315 / POLYETHYLENE (PE) FITTINGS
29	REDUCING TEE - PN 10 (SE)	PN 10, SDR 17, PE 100 / PN 10	JOINT WITH SPIGOT END / NOMINAL DIAMETER (MM): 110×63, 110×75, 110×90, 160×63, 160×75, 160×90, 160×110, 200×90, 200×110, 200×160, 250×110, 250×160, 315×110, 315×160 AND 315×200 / POLYETHYLENE (PE) FITTINGS
30	ELBOW 22.5° - PN 16 (SE)	PN 16, SDR 11, PE 100 / PN 16	JOINT WITH SPIGOT END / NOMINAL DIAMETER (MM) : 225 / POLYETHYLENE (PE) FITTINGS
31	ELBOW 22.5° - PN 10 (SE)	PN 10, SDR 17, PE 100 / PN 10	JOINT WITH SPIGOT END / NOMINAL DIAMETER (MM): 225 / POLYETHYLENE (PE) FITTINGS
32	TEE - PN 16 (SE)	PN 16, SDR 11, PE 100 / PN 16	JOINT WITH SPIGOT END / NOMINAL DIAMETER (MM): 63, 75, 90, 110, 125, 160, 180, 200, 225, 250, 280 AND 315 / POLYETHYLENE (PE) FITTINGS
33	TEE - PN 10 (SE)	PN 10, SDR 17, PE 100 / PN 10	JOINT WITH SPIGOT END / NOMINAL DIAMETER (MM): 63, 75, 90, 110, 125, 160, 180, 200, 225, 250, 280, 315, 355 AND 400 / POLYETHYLENE (PE) FITTINGS
34	TEE - PN 6 (SE)	PN 6, SDR 26, PE 100 / PN 6	JOINT WITH SPIGOT END / NOMINAL DIAMETER (MM): 355 / POLYETHYLENE (PE) FITTINGS
35	CAP - PN 12.5 (SE)	PN 12.5, SDR 13.6, PE 100 / PN 12.5	JOINT WITH SPIGOT END / NOMINAL DIAMETER (MM): 280 / POLYETHYLENE (PE) FITTINGS
36	CAP - PN 10 (SE)	PN 10, SDR 17, PE 100 / PN 10	JOINT WITH SPIGOT END / NOMINAL DIAMETER (MM): 63, 75, 90, 110, 125, 160, 180, 200, 225, 250, 280, 315, 355, 400, 450, 500, 560, AND 630 / POLYETHYLENE (PE) FITTINGS
37	STUB FLANGE - PN 16 (SE)	PN 16, SDR 11, PE 100 / PN 16	JOINT WITH SPIGOT END / NOMINAL DIAMETER (MM): 560 / POLYETHYLENE (PE) FITTINGS
38	STUB FLANGE - PN 12.5 (SE)	PN 12.5, SDR 13.6, PE 100 / PN 12.5	JOINT WITH SPIGOT END / NOMINAL DIAMETER (MM): 355 / POLYETHYLENE (PE) FITTINGS
39	STUB FLANGE - PN 10 (SE)	PN 10, SDR 17, PE 100 / PN 10	JOINT WITH SPIGOT END / NOMINAL DIAMETER (MM) : 50, 63, 75, 90, 110, 125, 160, 180, 200, 225, 250, 280, 315, 355, 400, 450, 500, 560 AND 630 / POLYETHYLENE (PE) FITTINGS
40	STUB FLANGE - PN 6 (SE)	PN 6, SDR 26, PE 100 / PN 6	JOINT WITH SPIGOT END / NOMINAL DIAMETER (MM) : 500, 560 AND 630 / POLYETHYLENE (PE) FITTINGS
41	FLANGE (STEEL TRAY) - PN 16 (SE)	PN 16, SDR 11, PE 100 / PN 16	JOINT WITH SPIGOT END / NOMINAL DIAMETER (MM) : 75, 90, 110, 125, 160, 180, 200, 225, 250, 280, 315, 355, 400, 450, 500, 560 AND 630 / POLYETHYLENE (PE) FITTINGS
42	FLANGE (STEEL TRAY) - PN 10 (SE)	PN 10, SDR 17, PE 100 / PN 10	JOINT WITH SPIGOT END / NOMINAL DIAMETER (MM) : 75, 90, 110, 125, 160, 180, 200, 225, 250, 280, 315, 355, 400, 450, 500, 560 AND 630 /

			POLYETHYLENE (PE) FITTINGS
43	SPACER FLANGE - PN 16 (SE)	PN 16, SDR 11, PE 100 / PN 16	JOINT WITH SPIGOT END / NOMINAL DIAMETER (MM) : 110, 160 AND 200 / POLYETHYLENE (PE) FITTINGS
44	SPACER FLANGE - PN 10 (SE)	PN 10, SDR 17, PE 100 / PN 10	JOINT WITH SPIGOT END / NOMINAL DIAMETER (MM): 160 AND 200 / POLYETHYLENE (PE) FITTINGS
45	COUPLING (SOC x SOC)	PN 16, SDR11, PE 100 / PN 16	JOINT WITH SOCKET FUSION / NOMINAL DIAMETER (MM) : 20, 25, 32, 40, 50, 63, 75, 90, 110 / POLYETHYLENE (PE) FITTINGS
46	REDUCER (SOC x SOC)	PN 16, SDR11, PE 100 / PN 16	JOINT WITH SOCKET FUSION / NOMINAL DIAMETER (MM) : 25X20, 32X20, 32X25, 40X20, 40X25, 40X32, 50X20, 50X25, 50X32, 50X40, 63X25, 63X32, 63X40, 63X50, 75X32, 75X40, 75X50, 75X63, 90X40, 90X50, 90X63, 90X75, 110X63 / POLYETHYLENE (PE) FITTINGS
47	90° Elbow (Soc×Soc)	PN 16, SDR11,PE 100 / PN 16	JOINT WITH SOCKET FUSION / NOMINAL DIAMETER (MM) : 20, 25, 32, 40, 50, 63, 75, 90, 110 / POLYETHYLENE (PE) FITTINGS
48	45° Elbow (Soc×Soc)	PN 16, SDR11,PE 100 / PN 16	JOINT WITH SOCKET FUSION / NOMINAL DIAMETER (MM) : 20, 25, 32, 40, 50, 63, 75, 90, 110 / POLYETHYLENE (PE) FITTINGS
49	Tee (Soc×Soc)	PN 16, SDR 11, PE 100 / PN 16	JOINT WITH SOCKET FUSION / NOMINAL DIAMETER (MM) : 20, 25, 32, 40, 50, 63, 75, , 90, 110 / POLYETHYLENE (PE) FITTINGS
50	Reducing Tee (Soc×Soc)	PN 16, SDR 11, PE 100 / PN 16	JOINT WITH SOCKET FUSION / NOMINAL DIAMETER (MM) : 25X20, 32X20, 32X25, 40X20, 40X25, 40X32, 50X20, 50X25, 50X32, 50X40, 63X25, 63X32, 63X40, 63X50, 75X32, 75X40, 75X50, 75X63, 90X40, 90X50, 90X63, 90X75 / POLYETHYLENE (PE) FITTINGS
51	Cap(Soc)	PN 16, SDR 11, PE 100 / PN 16	JOINT WITH SOCKET FUSION / NOMINAL DIAMETER (MM) : 20, 25, 32, 40, 50, 63, 75, 90, 110 / POLYETHYLENE (PE) FITTINGS
52	Female Thread Union (Soc×Fipt with Metal)	PN 16, SDR11,PE 100 / PN 16	JOINT WITH SOCKET FUSION / NOMINAL DIAMETER (MM) : 20, 25, 32, 40, 50, 63 / POLYETHYLENE (PE) FITTINGS
53	Male Thread Union (Soc×Mipt with Metal)	PN 16, SDR11,PE 100 / PN 16	JOINT WITH SOCKET FUSION / NOMINAL DIAMETER (MM) : 20, 25, 32, 40, 50, 63 / POLYETHYLENE (PE) FITTINGS
54	Flexible Joint (Soc×Fipt with Metal)	PN 16, SDR11,PE 100 / PN 16	JOINT WITH SOCKET FUSION / NOMINAL DIAMETER (MM) : 20, 25, 32, 63 / POLYETHYLENE (PE) FITTINGS
55	Change Union (Soc×Soc)	PN 16, SDR 11, PE 100 / PN 16	JOINT WITH SOCKET FUSION / NOMINAL DIAMETER (MM) : 20, 25, 32 / POLYETHYLENE (PE) FITTINGS
56	PE Single Male Manifold	PN 16, SDR 11, PE 100 / PN 16	JOINT WITH SOCKET FUSION / NOMINAL DIAMETER (MM) : 50 / POLYETHYLENE (PE) FITTINGS
57	Stub Flange (Soc×Flange)	PN 16, SDR11,PE 100 / PN 16	JOINT WITH SOCKET FUSION / NOMINAL DIAMETER (MM) : 50, 63, 75 / JOINT WITH SOCKET FUSION
58	Flange (Steel Tray)	PN 16, SDR11,PE 100 / PN 16	JOINT WITH SOCKET FUSION / NOMINAL DIAMETER (MM) : 50, 63, 75 / POLYETHYLENE (PE) FITTINGS
59	Female Thread Adapter I (Soc×Fipt with Metal Insert)	PN 16, SDR11,PE 100 / PN 16	JOINT WITH SOCKET FUSION / NOMINAL DIAMETER (MM) : 20, 25, 32 / POLYETHYLENE (PE) FITTINGS
60	Female Thread Adapter II (Soc×Fipt with Metal Insert)	PN 16, SDR11,PE 100 / PN 16	JOINT WITH SOCKET FUSION / NOMINAL DIAMETER (MM) : 32, 40, 50, 63, 75 / POLYETHYLENE (PE) FITTINGS
61	Male Thread Adapter I (Soc×Mipt with Metal Insert)	PN 16, SDR11,PE 100 / PN 16	JOINT WITH SOCKET FUSION / NOMINAL DIAMETER (MM) : 20, 25, 32 / POLYETHYLENE (PE) FITTINGS
62	Male Thread Adapter II (Soc×Mipt with Metal Insert)	PN 16, SDR11,PE 100 / PN 16	JOINT WITH SOCKET FUSION / NOMINAL DIAMETER (MM) : 32, 40, 50, 63, 75 / POLYETHYLENE (PE) FITTINGS
63	Female Thread Elbow I (Soc×Fipt with Metal Insert)	PN 16, SDR11,PE 100 / PN 16	JOINT WITH SOCKET FUSION / NOMINAL DIAMETER (MM) : 20, 25, 32 / POLYETHYLENE (PE) FITTINGS
64	Female Thread Elbow II (Soc×Fipt with Metal Insert)	PN 16, SDR11,PE 100 / PN 16	JOINT WITH SOCKET FUSION / NOMINAL DIAMETER (MM) :32, 40, 50, 63 / POLYETHYLENE (PE) FITTINGS

65	Male Thread Elbow I (Soc×Mipt with Metal Insert)	PN 16, SDR11,PE 100 / PN 16	JOINT WITH SOCKET FUSION / NOMINAL DIAMETER (MM) : 20, 25, 32 / JOINT WITH SOCKET FUSION
66	Male Thread Elbow II (Soc×Mipt with Metal Insert)	PN 16, SDR11,PE 100 / PN 16	JOINT WITH SOCKET FUSION / NOMINAL DIAMETER (MM) : 32, 40, 50, 63 / POLYETHYLENE (PE) FITTINGS
67	Female Thread Elbow with Base (Soc×Fipt with Metal Insert)	PN 16, SDR11,PE 100 / PN 16	JOINT WITH SOCKET FUSION / NOMINAL DIAMETER (MM) : 20, 25 / POLYETHYLENE (PE) FITTINGS
68	Male Thread Elbow with Base (Soc×Mipt with Metal Insert)	PN 16, SDR11,PE 100 / PN 16	JOINT WITH SOCKET FUSION / NOMINAL DIAMETER (MM) : 20, 25 / POLYETHYLENE (PE) FITTINGS
69	Female Thread Tee I (Soc×Soc×Fipt with Metal Insert)	PN 16, SDR11,PE 100 / PN 16	JOINT WITH SOCKET FUSION / NOMINAL DIAMETER (MM) : 20, 25, 32 / POLYETHYLENE (PE) FITTINGS
70	Female Thread Tee II (Soc×Soc×Fipt with Metal Insert)	PN 16, SDR11,PE 100 / PN 16	JOINT WITH SOCKET FUSION / NOMINAL DIAMETER (MM) : 32, 50, 63, 75 / POLYETHYLENE (PE) FITTINGS
71	Male Thread Tee (Soc×Soc×Mipt with Metal Insert)	PN 16, SDR11,PE 100 / PN 16	JOINT WITH SOCKET FUSION / NOMINAL DIAMETER (MM) : 20, 25, 32 / POLYETHYLENE (PE) FITTINGS
72	Male Thread Tee II (Soc×Soc×Mipt with Metal Insert)	PN 16, SDR11,PE 100 / PN 16	JOINT WITH SOCKET FUSION / NOMINAL DIAMETER (MM) : 32, 50, 63, 75 / POLYETHYLENE (PE) FITTINGS