ASSEMBLY INSTRUCTIONS...
COMPRESSION FITTINGS 16MM-63mm

1. Cut the pipe squarely using special pipe cutting tools or circular or band saw. It is advisable to use a guide box to ensure a square cut.

1. Potong pipa sesuai kebutuhan dengan menggunakan alat pemotong pipa. Disarankan untuk memotong lurus atau tidak miring.

2. Eliminate any burrs and bevel the end of the pipe to facilitate easy assembly and to prevent damage to the fitting gasket. The outer surface of the pipe must be free from imperfections or indentations where the body of the fitting makes contact with the pipe.

2. Haluskan permukaan pipa bila memotong dengan gergaji atau gerinda untuk mencegah kerusakan pada karet.

3. Unscrew the nut and put it onto pipe followed by the white clamping ring. Make sure the clamping ring is in the correct position, with the largest diameter facing the fitting.

3. Buka tutup mur fitting dan cincin penjepit berwarna putih masukkan ke dalam pipa . Pastikan cincin penjepit terpasang di posisi yang benar dengan arah yang sesuai menghadap fitting.

4. Press the pipe axially into the fitting, past the gasket,until it touches the internal register inside the fitting body.

4. Tekan pipa secara perlahan ke dalam fitting,lewati pakingnya, sampai menyentuh bagian dalam.

5. Tighten the ring nut by hand and then use the torque wrench provided. The ring nut must be tight, but it does not need to reach the end of the fitting body.

5. Kencangkan tutup mur dengan tangan lalu gunakan kunci penguat yang tersedia. Tutup mur harus kencang, dengan tidak berlebihan.

ASSEMBLY INSTRUCTIONS...
CLAMP SADDLES -ALTERNATIVE PROCEDURE

1.Select the hole point and make sure that the external surface of the pipe is free from any impurity, put the gasket into the indentation of the saddle seat.

1.Pilih titik lubang dan pastikan permukaan luar pipa bebas dari kotoran, masukkan paking ke dalam lekukan tempat duduk sadel.

2. Position the bottom part of the saddle on the chosen point and couple the upper part, then insert the screws from below and tighten the nuts one by one.

2. Posisikan bagian bawah sadel dengan titik yang dipilih dan pasangkan bagian atas , lalu kencangkan dengan sekrup satu per satu.

3. Drill a hole in the pipe wall, be carefull not to damage the thread and the O.

3. Bor lubang pada dinding pipa, dengan hati-hati jangan sampai merusak drat dan karet/cinci O.

4. Use a marker to draw a reference line on the pipe to allow reinstalling the saddle, unscrew the nuts and remove the saddle.

4. Gunakan spidol untuk menggambar garis referensi pipa untuk memungkinkan pemasangan kembali sadel, buka mur dan lepaskan sadel.

5. Drill the hole in the pipe wall being carefull not to damage the other side of the pipe and remove the scraps.

5. Bor lubang pada dinding pipa secara hati-hati jangan sampai merusak sisi lainnya pipa dan buang sisa-sisanya.

6. Assemble the saddle according to the marked lines, to keep the hole in the same axis with the saddle's screw hole.

6. Rakitlah kembali sadel sesuai ke garis yang ditandai,untuk menjaga lubang pada sumbu yang sama dengan lubang sekrup sadel.

PP COMPRESSION FITTING

PT. ONEADD PIPELINE TECHNOLOGY

Duta Indah Sentoha Blok M No.3 JL. Moh. Toha Km. 06.Periuk, Kec. Periuk, Kota Tangerang, Banten 15131

Tel: 021-59322001

TECHINICAL DATA

Part	Material
Body (A)	(PPB) Polypropylene(PP-B) of exceptional mechanical properties even at high temperature
Blocking bush(D)	(PPB) Polypropylene
Nut (B)	(PPB) Polypropylene with dye master of high stability to UV rays and solidity to heat
Clinching ring(C)	(POM)Polyacetal resin (POM) of high mechanical resistance and hardness
O ring gasket (E)	(NBR) Special elastomeric acrylonitrile rubber(NBR) for alimentary use

REFERENCE STANDARDS

OPERATING PRESSURES

UNI9561:2006;DIN8076:2007;IS014236:2000 ;GW335-B3:2011:SANS 14236:2003:AS/NZS 4129:2008

Polyethylene pipes:UNl 7990:2004;UNI EN 12201-2:2004;DIN 8074:1999

Fittings:DM 174 06/04/2004;BS 6920 :2000: W270:KTW

Threads: ISO7-1:2007:UNI EN 10226-1:2006: UNI EN ISO 228-1:2003:ANSI ASME B1.20.1:1983

Flanges: UN EN 1092-1:2007;1S07005-1:2011

PN16 WORKING PRESSURE

Maximum working pressure (PN-PFA") of 16 bar (UNl9561-2) for diameters from 20 to 63 and PN10 for diameters from 75 to110, at temperature of 20° C

TEKANAN KERJA PN16
Tekanan kerja maksimum (PN-PFA") sebesar 16 bar (UNl9561-2) untuk diameter 20 hingga 63 dan PN10 untuk diameter 75 hingga 110, di suhu 20°C

MM()	PFA
20-63	16
75-110	10

Maximum allowable working pressure related to the duration of pressure and temperature

Tekanan kerja maksimum yang diijinkan terkait dengan durasi tekanan dan suhu

Temperature(° C)	-10 to 25	+26 to+35	+36 to +45
PFA*(PN)	16	12.5	10
PFA*(PN)	10	8	6

PP COUPLING
Product Parameter (Specification) for PP Coupling

PP REDUCING COUPLING
Product Parameter (Specification) for PP Reducing coupling

PP END CAP
Product Parameter (Specification) for PP End Cap

PP FEMALE THREADED COUPLING
Product Parameter (Specification) PP Female Threaded Coupling

PP MALE THREADED COUPLING
Product Parameter (Specification) for PP Male Threaded Coupling

PP EQUAL TEE
Product Parameter (Specification) for PP Equal Tee

PP REDUCING TEE
Product Parameter (Specification) for PP Reducing Tee

PP 90°REDUCING ELBOW
Product Parameter (Specification) for PP 90° Reducing Elbow

PP FEMALE THREADED TEE
Product Parameter (Specification) for PP Female Threaded Tee

PP 90° ELBOW
Product Parameter (Specification) for PP 90° Elbow

PP MALE THREADED TEE
Product Parameter (Specification) for PP Male Threaded Tee

PP FEMALE THREADED ELBOW
Product Parameter (Specification) for PP Female Threaded Elbow

PP MALE THREADED EBLOW
Product Parameter (Specification) for PP Male Threaded Eblow

CLAMP SADDLE
Clamp Saddle With Metal

PP SINGLE UNION BALL VALVE
Product Parameter (Specification) for PP Single Union Ball Valve

PP BALL VALVE(F THREADED)
Product Parameter (Specification) for PP Ball Valve(F Threaded)

PP BALL VALVE(M THREADED)
Product Parameter (Specification) for PP Ball Valve(M Threaded)

PP BALL VALVE(F/F THREADED)
Product Parameter (Specification) for PP Ball Valve(F/F Threaded)

PP BALL VALVE(F/M THREADED)
Product Parameter (Specification) for PP Ball Vale(F/M Threaded)

PP BALL VALVE(M/M THREADED)
Product Parameter (Specification) for PP Ball Valve(M/M Threaded)

PP BALL VALVE
Product Parameter (Specification) for PP Ball Valve

FLANGE
Flange With Metal Disk