



03/05/2021

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21052 Busto Ariszio (VA)
Italy

Subject: Revised Authorized Registered Formulation for Standard 61

Enclosed is a copy of your revised Authorized Registered Formulation. This complete formulation must be at the identified facility location for review by an NSF Auditor, conducting the annual/follow-up audits. Each product is identified by Document Control Code (DCC number) located in the upper left hand corner of the each page. All previous and now outdated Authorized Registered Formulations for your products are replaced with the enclosed revisions.

The NSF audit of your facility, including materials/process verification and product sampling, will be guided by this formulation. Failure to maintain this information at the facility may require special follow-up audits or result in removal of products from Listing.

As a reminder, you are not permitted to make any formulation changes to NSF Certified products without prior written approval from NSF. Only those specific material/ingredients and use levels indicated in the Authorized Registered Formulation are authorized for use in the Certified Product. To obtain authorization for an alternate supplier (or other modification) please contact your Account Manager at 1-800-NSF-MARK to request the appropriate forms. For customers outside the USA, please use 1-734-769-8010 and ask for your Account Manager.

If you have any questions about the Authorized Registered Formulation, please contact your Account Manager indicated below.

Enclosure: Authorized Registered Formulation

Account Manager: Javier Marin, 34-679-193 453, jmarin@nsf.org

Facility: C0021717

DCC: PM16939

NSF/ANSI Standard 61 - Drinking Water System Components - Health Effects
Authorized Registered Formulation

Reason For Revision: W0671488 - Add new fitting and saddle configurations in metrics - PM16939 & PM16943

Customer Name: Nupi Industrie Italiane SpA

Facility Location: Italy

Customer Number: 34470

Facility At: Busto Arsizio (VA), Italy

Facility Number: C0021717

Function: Fittings

Size: 1/2 - 42 in

Trade Name(s)

ELOFIT

Listing Notes

Configurations include:

12DICRT02 PE4710 SDR17 FLANGE ADAPTER 2" IPS
 12DICRT03 PE4710 SDR17 FLANGE ADAPTER 3" IPS
 12DICRT04 PE4710 SDR17 FLANGE ADAPTER 4" IPS
 12DICRT06 PE4710 SDR17 FLANGE ADAPTER 6" IPS
 12DICRT08 PE4710 SDR17 FLANGE ADAPTER 8" IPS
 12DICRT10 PE4710 SDR17 FLANGE ADAPTER 10" IPS
 12DICRT12 PE4710 SDR17 FLANGE ADAPTER 12" IPS
 12DICRT14 PE4710 SDR17 FLANGE ADAPTER 14" IPS
 12DICRT16 PE4710 SDR17 FLANGE ADAPTER 16" IPS
 12DICRT18 PE4710 SDR17 FLANGE ADAPTER 18" IPS
 12DICRT20 PE4710 SDR17 FLANGE ADAPTER 20" IPS
 12DICRT22 PE4710 SDR17 FLANGE ADAPTER 22" IPS
 12DICRT24 PE4710 SDR17 FLANGE ADAPTER 24" IPS
 12EIC02 CURVA 45° 2" IPS CODOLO LUNGO
 12EIC03 CURVA 45° 3" IPS CODOLO LUNGO
 12EIC04 CURVA 45° 4" IPS CODOLO LUNGO
 12EIC06 CURVA 45° 6" IPS CODOLO LUNGO
 12EICAL03 CALOTTA DI CHIUSURA 3" IPS CODOLO LUNGO
 12EICEM02 PE100 SDR11 E/F SINGLE WIRE 45° ELBOW D.2" IPS
 12EICRT02 PE4710 SDR11 FLANGE ADAPTER 2" IPS
 12EICRT03 PE4710 SDR11 FLANGE ADAPTER 3" IPS
 12EICRT04 PE4710 SDR11 FLANGE ADAPTER 4" IPS
 12EICRT06 PE4710 SDR11 FLANGE ADAPTER 6" IPS
 12EICRT08 PE4710 SDR11 FLANGE ADAPTER 8" IPS
 12EICRT10 PE4710 SDR11 FLANGE ADAPTER 10" IPS
 12EICRT12 PE4710 SDR11 FLANGE ADAPTER 12" IPS
 12EICRT14 PE4710 SDR11 FLANGE ADAPTER 14" IPS
 12EICRT16 PE4710 SDR11 FLANGE ADAPTER 16" IPS
 12EICRT18 PE4710 SDR11 FLANGE ADAPTER 18" IPS
 12EICRT20 PE4710 SDR11 FLANGE ADAPTER 20" IPS
 12EICRT22 PE4710 SDR11 FLANGE ADAPTER 22" IPS
 12EICRT24 PE4710 SDR11 FLANGE ADAPTER 24" IPS
 12EICRTB02 PE4710 SDR11 FLANGE ADAPTER 2" IPS BEVELED
 12EICRTB03 PE4710 SDR11 FLANGE ADAPTER 3" IPS BEVELED
 12EICRTB04 PE4710 SDR11 FLANGE ADAPTER 4" IPS BEVELED
 12EICRTB06 PE4710 SDR11 FLANGE ADAPTER 6" IPS BEVELED
 12EICRTB10 PE4710 SDR11 FLANGE ADAPTER 10" IPS
 12EICRTB12 PE4710 SDR11 FLANGE ADAPTER 12" IPS BEVELED
 12EICRTB20 PE4710 SDR11 FLANGE ADAPTER 20" IPS BEVELED
 12EIMJ02 MALE JOINT ADAPTER D.2" IPS
 12EIRIP12 PE100 SDR11 COLLARE DI RIPARAZIONE 12" IPS
 12EIRIP14 PE100 SDR11 COLLARE DI RIPARAZIONE 14" IPS
 12EIRIP16 PE100 SDR11 COLLARE DI RIPARAZIONE 16" IPS
 12EIRIP18 PE100 SDR11 COLLARE DI RIPARAZIONE 18" IPS
 12EIRIP20 PE100 SDR11 COLLARE DI RIPARAZIONE 20" IPS
 12EIRIP22 PE100 SDR11 COLLARE DI RIPARAZIONE 22" IPS
 12EIRIP24 PE100 SDR11 COLLARE DI RIPARAZIONE 24" IPS
 12EIRIP28 PE100 SDR11 COLLARE DI RIPARAZIONE 28" IPS
 12EIRIP30 PE100 SDR11 COLLARE DI RIPARAZIONE 30" IPS
 12EIRIP32 PE100 SDR11 COLLARE DI RIPARAZIONE 32" IPS
 12EIRIP36 PE100 SDR11 COLLARE DI RIPARAZIONE 36" IPS
 12EIRIP40 PE100 SDR11 COLLARE DI RIPARAZIONE 40" IPS
 12EIRS0201 SOCKET FUSION REDUCING DN 2" - 1" IPS
 12EIRS02034 SOCKET FUSION REDUCING DN 2" - 3/4" IPS
 12EIRS02112 SOCKET FUSION REDUCING DN 2" - 1-1/2" IPS



12EIRS02114 SOCKET FUSION REDUCING DN 2" - 1-1/4" IPS
12EIRS11201 SOCKET FUSION REDUCING DN 1-1/2" - 1" IPS
12EIRS112034 SOCKET FUSION REDUCING DN 1-1/2" - 3/4" IPS
12EIRS112114 SOCKET FUSION REDUCING DN 1-1/2" - 1-1/4" IPS
12EIRS11401 SOCKET FUSION REDUCING DN 1-1/4" - 1" IPS
12EIRS114034 SOCKET FUSION REDUCING DN 1-1/4" - 3/4" IPS
12EIRSC02114 SOCKET FUSION FEM. RED. COUPLING D. 2" - 1-1/4" IPS
12EIRSC11401 SOCKET FUSION FEM. RED. COUPLING D. 1-1/4" - 1" IPS
12EISC01 SOCKET FUSION COUPLING DN 1" IPS
12EISC02 SOCKET FUSION COUPLING DN 2" IPS
12EISC034 SOCKET FUSION COUPLING DN 3/4" IPS
12EISC112 SOCKET FUSION COUPLING DN 1-1/2" IPS
12EISC114 SOCKET FUSION COUPLING DN 1'-1/4" IPS
12EISC4502 SOCKET FUSION 45° ELBOW DN 2" IPS
12EISC45114 SOCKET FUSION 45° ELBOW DN 1-1/4" IPS
12EISCAP01 SOCKET FUSION END CAP D.1" IPS
12EISCAP02 SOCKET FUSION END CAP D.2" IPS
12EISCAP034 SOCKET FUSION END CAP D.3/4" IPS
12EISCAP114 SOCKET FUSION END CAP D.1-1/4" IPS
12EISCG114 SOCKET FUSION GEOTHERMAL COUPLING DN 1-1/4" IPS

12EISG01 SOCKET FUSION 90° ELBOW D. 1" IPS
12EISG02 SOCKET FUSION 90° ELBOW DN 2" IPS
12EISG034 SOCKET FUSION 90° ELBOW DN 3/4" IPS
12EISG112 SOCKET FUSION 90° ELBOW DN 1-1/2" IPS
12EISG114 SOCKET FUSION 90° ELBOW DN 1-1/4" IPS
12EISGG114 SOCKET FUSION GEOTHERMAL 90° ELBOW DN 1-1/4" IPS

12EIST01 SOCKET FUSION TEE D.1" IPS
12EIST02 SOCKET FUSION TEE D.2" IPS
12EIST034 SOCKET FUSION TEE D.3/4" IPS
12EIST112 SOCKET FUSION TEE D.1-1/2" IPS
12EIST114 SOCKET FUSION TEE D.1-1/4" IPS
12EISTR0101034 SOCKET FUSION RED. TEE D.1"x 1" x 3/4" IPS
12EISTR020201 SOCKET FUSION RED. TEE D.2" x 2" x 1" IPS
12EISTR0202034 SOCKET FUSION RED. TEE D.2" x 2" x 3/4" IPS
12EISTR0202114 SOCKET FUSION RED. TEE D.2" x 2" x 1-1/4" IPS
12EISTR0211201 SOCKET FUSION RED. TEE D.2"x 1-1/2" x 1" IPS
12EISTR02112034 SOCKET FUSION RED. TEE D.2"x 1-1/2" x 3/4" IPS
12EISTR02112114 SOCKET FUSION RED. TEE D.2" x 1-1/2" x 1-1/4" IPS
12EISTR0211401 SOCKET FUSION RED. TEE D.2"x 1-1/4" x 1" IPS
12EISTR02114034 SOCKET FUSION RED. TEE D.2" x 1-1/4" x 3/4" IPS
12EISTR02114114 SOCKET FUSION RED. TEE D.2" x 1-1/4" x 1-1/4" IPS
12EISTR11211201 SOCKET FUSION RED. TEE DN 1-1/2" x 1-1/2" x 1" IPS
12EISTR112112034 SOCKET FUSION RED. TEE DN 1-1/2" x 1-1/2" x 3/4" IPS
12EISTR112112114 SOCKET FUSION RED. TEE D.1-1/2" x 1-1/2" x 1-1/4" IPS
12EISTR11211401 SOCKET FUSION RED. TEE D.1-1/2" x 1-1/4" x 1" IPS
12EISTR112114034 SOCKET FUSION RED. TEE D.1-1/2" x 1-1/4" x 3/4" IPS
12EISTR112114114 SOCKET FUSION RED. TEE D.1-1/2" x 1-1/4" x 1-1/4" IPS
12EISTR1140101 SOCKET FUSION RED. TEE DN 1-1/4" x 1" x 1" IPS
12EISTR114034034 SOCKET FUSION RED. TEE DN 1-1/4" x 3/4" x 3/4" IPS
12EISTR11411401 SOCKET FUSION RED. TEE DN 1-1/4" x 1-1/4" x 1" IPS
12EISTR114114034 SOCKET FUSION RED. TEE DN 1-1/4" x 1-1/4" x 3/4" IPS

12EIT02 PE100 SDR11 BUTT FUSION TEE 2" IPS
12EIT03 PE100 SDR11 BUTT FUSION TEE 3" IPS
12EIT04 PE100 SDR11 BUTT FUSION TEE 4" IPS
12EIT06 PE100 SDR11 BUTT FUSION TEE 6" IPS
12EITCE012C S. WIRE E/F TEE W/SPIGOT END D.1/2" CTS
12EITCE01C S. WIRE E/F TEE W/SPIGOT END D.1" CTS
12EITCE02 S. WIRE E/F TEE W/SPIGOT END D.2" IPS
12EITCE114 S. WIRE E/F TEE W/SPIGOT END D.1-1/4" IPS
12EITRMC1612 PE4710 SDR11 REDUCING TEE 16" IPS x 12" IPS
12EIVLRS04180 VARIABLE LENGHT REPAIR SLEEVE 4" IPS 180°
12EIVLRS04180M MODULAR VARIABLE LENGTH REPAIR SLEEVE 4" IPS 180°
12EIVLRS06180 VARIABLE LENGHT REPAIR SLEEVE 6" IPS 180°
12EIVLRS06180M MODULAR VARIABLE LENGHT REPAIR SLEEVE 6" IPS 180°
12EIWYE02 BUTT FUSION 45° WYE 2" IPS PE4710 SDR11
12GICRT02 PE4710 SDR 7 FLANGE ADAPTER 2" IPS
12GICRT03 PE4710 SDR 7 FLANGE ADAPTER 3" IPS
12GICRT04 PE4710 SDR 7 FLANGE ADAPTER 4" IPS
12GICRT06 PE4710 SDR 7 FLANGE ADAPTER 6" IPS
12GICRT08 PE4710 SDR 7 FLANGE ADAPTER 8" IPS
12GICRT10 PE4710 SDR 7 FLANGE ADAPTER 10" IPS
12GICRT12 PE4710 SDR 7 FLANGE ADAPTER 12" IPS
12GICRT14 PE4710 SDR 7 FLANGE ADAPTER 14" IPS
12GICRT16 PE4710 SDR 7 FLANGE ADAPTER 16" IPS
12GICRT18 PE4710 SDR 7 FLANGE ADAPTER 18" IPS

12GICRT20 PE4710 SDR 7 FLANGE ADAPTER 20" IPS
12GICRT24 PE4710 SDR 7 FLANGE ADAPTER 24" IPS
12GIG04 PE100 SDR7 BUTT FUSION 90° ELBOW 4" IPS
12GIME06 E/F COUPLER D.6" IPS 380PSI
12GIME08 E/F COUPLER D.8 IPS 380PSI
12GIME10 E/F COUPLER D.10" IPS 380PSI
12GIME12 E/F Coupler 12" IPS 380PSI
12GIR0302 BUT FUSION REDUCER D. 3"IPS x 2"IPS PE100 SDR7
12GIR0402 BUT FUSION REDUCER D. 4"IPS x 2"IPS PE100 SDR7
12GIR0403 BUT FUSION REDUCER D. 4"IPS x 3"IPS PE100 SDR7
12GIR0604 BUT FUSION REDUCER D. 6"IPS x 4"IPS PE100 SDR7
12GIR1006 BUT FUSION REDUCER D. 10"IPS x 6"IPS PE100 SDR7
12GIR1008 BUT FUSION REDUCER D. 10"IPS x 8"IPS PE100 SDR7
12GIR1208 BUT FUSION REDUCER D. 12"IPS x 8"IPS PE100 SDR7
12GIT04 PE100 SDR7 BUTT FUSION TEE 4" IPS

12HICRT02 PE4710 SDR 9 FLANGE ADAPTER 2" IPS
12HICRT03 PE4710 SDR 9 FLANGE ADAPTER 3" IPS
12HICRT04 PE4710 SDR 9 FLANGE ADAPTER 4" IPS
12HICRT06 PE4710 SDR 9 FLANGE ADAPTER 6" IPS
12HICRT08 PE4710 SDR 9 FLANGE ADAPTER 8" IPS
12HICRT10 PE4710 SDR 9 FLANGE ADAPTER 10" IPS
12HICRT12 PE4710 SDR 9 FLANGE ADAPTER 12" IPS
12HICRT14 PE4710 SDR 9 FLANGE ADAPTER 14" IPS
12HICRT16 PE4710 SDR 9 FLANGE ADAPTER 16" IPS
12HICRT18 PE4710 SDR 9 FLANGE ADAPTER 18" IPS
12HICRT20 PE4710 SDR 9 FLANGE ADAPTER 20" IPS
12HICRT24 PE4710 SDR 9 FLANGE ADAPTER 24" IPS
12HIR0302 BUT FUSION REDUCER D. 3"IPS x 2"IPS PE100 SDR9
12HIR0402 BUT FUSION REDUCER D. 4"IPS x 2"IPS PE100 SDR9
12HIR0403 BUT FUSION REDUCER D. 4"IPS x 3"IPS PE100 SDR9
12HIR0604 BUT FUSION REDUCER D. 6"IPS x 4"IPS PE100 SDR9
12HIR0804 BUT FUSION REDUCER D. 8"IPS x 4"IPS PE100 SDR9
12HIR0806 BUT FUSION REDUCER D. 8"IPS x 6"IPS PE100 SDR9
12HIR1006 BUT FUSION REDUCER D. 10"IPS x 6"IPS PE100 SDR9
12HIR1008 BUT FUSION REDUCER D. 10"IPS x 8"IPS PE100 SDR9
12HIR1206 BUT FUSION REDUCER D. 12"IPS x 6"IPS PE100 SDR9
12HIR1208 BUT FUSION REDUCER D. 12"IPS x 8"IPS PE100 SDR9
12DIME08 E/F COUPLER D.8" IPS 160PSI
12DIME10 E/F COUPLER D.10" 160 psi
12DIME12 E/F COUPLER D.12" 160 psi
12DIME16 E/F COUPLER D.16" 160 psi
12DIME22 E/F COUPLER D.22" 160 psi
12DIME28 E/F COUPLER D.28" 160 psi
12DIME32 E/F COUPLER D.32" IPS 160PSI
12DIME36 E/F COUPLER D.36" IPS 160PSI
12DIMED16 E/F COUPLER D.16" DIPS 160 psi
12DIMED24 E/F COUPLER D.24" DIPS 160 psi
12EIGEM02 PE100 SDR11 E/F SINGLE WIRE 90° ELBOW D.2" IPS
12EIGEM03 PE100 SDR11 E/F SINGLE WIRE 90° ELBOW D.3" IPS
12EIME01 PE100 SDR11 E/F COUPLER D.1" IPS
12EIME012C PE100 SDR11 E/F COUPLER D.1/2" CTS
12EIME01C PE100 SDR11 E/F COUPLER D.1" CTS
12EIME02 PE100 SDR11 E/F COUPLER D.2"
12EIME03 PE100 SDR11 E/F COUPLER D.3"
12EIME034 PE100 SDR11 E/F COUPLER D.3/4"
12EIME04 PE100 SDR11 E/F COUPLER D.4"
12EIME06 PE100 SDR11 E/F COUPLER D.6"
12EIME08 PE100 SDR11 E/F COUPLER D.8"
12EIME10 PE100 SDR11 E/F COUPLER D.10"
12EIME112 PE100 SDR11 E/F COUPLER D.1"1/2
12EIME114 PE100 SDR11 E/F COUPLER D.1"1/4
12EIME12 PE100 SDR11 E/F COUPLER D.12"
12EIME14 PE100 SDR11 E/F COUPLER D.14"
12EIME16 PE100 SDR11 E/F COUPLER D.16"
12EIME18 PE100 SDR11 E/F COUPLER D.18"
12EIME20 PE100 SDR11 E/F COUPLER D.20"
12EIME22 PE100 SDR11 E/F COUPLER D.22"
12EIME24 PE100 SDR11 E/F COUPLER D.24"
12EIME30 PE100 SDR11 E/F COUPLER D.30" IPS
12EIMED08 PE100 E/F COUPLER D.8" DIPS 230 psi
12EIMED10 PE100 E/F COUPLER D.10" DIPS 230 psi
12EIMED12 PE100 E/F COUPLER D.12" DIPS 230 psi
12EIPAL2010 SELLA PALLONE OTT.20° 10" INT.2"
12EIPAL2012 SELLA PALLONE OTT.20° 12" INT.2"
12EIRDE01034 E/F REDUCER D.1"IPSx3/4"IPS



12EIRDE01C012C E/F REDUCER D.1"CTSx1/2"CTS
 12EIRDE01C034 E/F REDUCER D.1"CTSx3/4"IPS
 12EIRDE02112 E/F REDUCER D.2" IPS x 1"1/2 IPS
 12EIRDE02114 E/F REDUCER D.2"IPSx1"1/4 IPS
 12EIRDE0302 E/F REDUCER D. 3"IPS x 2"IPS
 12EIRDE034012 E/F REDUCER D.3/4"IPSx1/2"IPS
 12EIRDE034012C E/F REDUCER D.3/4"IPSx1/2"CTS
 12EIRDE034034C E/F REDUCER D.3/4" IPS x 3/4" CTS
 12EIRDE0402 E/F REDUCER D.4"IPSx2"IPS
 12EIRDE0403 E/F REDUCER D.4"IPSx3"IPS
 12EIRDE0604 E/F REDUCER D.6"IPSx4"IPS
 12EIRDE114114C E/F REDUCER D.1-1/4" IPS x 1-1/4" CTS
 12EIRDME0363 PE100 SDR11 E/F REDUCER D. 3" IPS x 63 mm
 12EIRDME04110 PE100 SDR11 E/F REDUCER D. 110 mm x 4" IPS
 12EIRDME0616 PE100 SDR11 E/F REDUCER D. 6" IPS x 160 mm
 12EIRDME11003 PE100 SDR11 E/F REDUCER D. 110 mm x 3" IPS
 12EIRDME11240 PE100 SDR11 E/F REDUCER D. 1-1/2" IPS x 40 mm
 12EIRDME11440 PE100 SDR11 E/F REDUCER D. 1-1/4" IPS x 40 mm
 12EIRDME12504 PE100 SDR11 E/F REDUCER D.125mm x 4" IPS
 12EIRDME3420 PE100 SDR11 E/F REDUCER 20 mm x 3/4" IPS

 12EIRDME4001 PE100 SDR11 E/F REDUCER D. 40mm x 1" IPS
 12EIRDME4034 PE100 SDR11 E/F REDUCER 40 mm x 3/4" IPS
 12EIRDME6302 PE100 SDR11 E/F REDUCER D. 63mm x 2" IPS
 12DIR0302 BUT FUSION REDUCER D. 3"IPS x 2"IPS PE100 SDR17
 12DIR0402 BUT FUSION REDUCER D. 4"IPS x 2"IPS PE100 SDR17
 12DIR0403 BUT FUSION REDUCER D. 4"IPS x 3"IPS PE100 SDR17
 12DIR0603 BUT FUSION REDUCER D. 6"IPS x 3"IPS PE100 SDR17
 12DIR0604 BUT FUSION REDUCER D. 6"IPS x 4"IPS PE100 SDR17
 12DIR0804 BUT FUSION REDUCER D. 8"IPS x 4"IPS PE100 SDR17
 12DIR0806 BUT FUSION REDUCER D. 8"IPS x 6"IPS PE100 SDR17
 12DIR1006 BUT FUSION REDUCER D. 10"IPS x 6"IPS PE100 SDR17
 12DIR1008 BUT FUSION REDUCER D. 10"IPS x 8"IPS PE100 SDR17
 12DIR1206 BUT FUSION REDUCER D. 12"IPS x 6"IPS PE100 SDR17
 12DIR1208 BUT FUSION REDUCER D. 12"IPS x 8"IPS PE100 SDR17
 12DIR1210 BUT FUSION REDUCER D. 12"IPSx10"IPS PE100 SDR17
 12EIBFRS04 BUTT FUSION REPAIR SLEEVE 4"
 12EIBFRS06 BUTT FUSION REPAIR SLEEVE 6" IPS
 12EIG02 PE100 SDR11 BUTT FUSION 90° ELBOW 2" IPS
 12EIG03 PE100 SDR11 BUTT FUSION 90° ELBOW 3" IPS
 12EIG04 PE100 SDR11 BUTT FUSION 90° ELBOW 4" IPS
 12EIG06 PE100 SDR11 BUTT FUSION 90° ELBOW 6" IPS
 12EIR02112 BUT FUSION REDUCER D. 2" IPS x 1-1/2" IPS
 12EIR0302 BUT FUSION REDUCER D. 3" IPS x 2" IPS
 12EIR0402 BUT FUSION REDUCER D. 4" IPS x 2" IPS
 12EIR0403 BUT FUSION REDUCER D. 4" IPS x 3" IPS
 12EIR0603 BUT FUSION REDUCER D. 6"IPS x 3"IPS PE100 SDR11
 12EIR0604 BUT FUSION REDUCER D. 6"IPS x 4"IPS PE100 SDR11
 12EIR0804 BUT FUSION REDUCER D. 8"IPS x 4"IPS PE100 SDR11
 12EIR0806 BUT FUSION REDUCER D. 8"IPS x 6"IPS PE100 SDR11
 12EIR1006 BUT FUSION REDUCER D. 10"IPS x 6"IPS PE100 SDR11
 12EIR1008 BUT FUSION REDUCER D. 10"IPS x 8"IPS PE100 SDR11
 12EIR112114 BUTT FUSION REDUCER D. 1-1/2" IPS x 1-1/4" IPS
 12EIR1206 BUT FUSION REDUCER D. 12"IPS x 6"IPS PE100 SDR11
 12EIR1208 BUT FUSION REDUCER D. 12"IPS x 8"IPS PE100 SDR11
 12EITRS0201 BUTT FUS. RED. TEE 2"IPSx1" IPS PE4710 230PSI
 12EITRS02034 BUTT FUS. RED. TEE 2"IPSx3/4" IPS PE4710 230PSI
 12EITRS02114 BUTT FUS. RED. TEE 2"IPSx1-1/4" IPS PE4710 230PSI
 12EITRS0301 BUTT FUS. RED. TEE 3"IPSx1" IPS PE4710 230PSI
 12EITRS0302 BUTT FUS. RED. TEE 3"IPSx2" IPS PE4710 230PSI
 12EITRS03114 BUTT FUS. RED. TEE 3"IPSx1-1/4" IPS PE4710 230PSI
 12EITRS0402 BUTT FUS. RED. TEE 4"IPSx2" IPS PE4710 230PSI
 12EITRS04114 BUTT FUS. RED. TEE 4"IPSx1-1/4" IPS PE4710 230PSI
 12EITRS0602 BUTT FUS. RED. TEE 6"IPSx2" IPS PE4710 230PSI
 12EITRS0603 BUTT FUS. RED. TEE 6"IPSx3" IPS PE4710 230PSI
 12EITRS0604 BUTT FUS. RED. TEE 6"IPSx4" IPS PE4710 230PSI

 12DIC02 PE100 SDR17 BUTT FUSION 45° ELBOW 2" IPS LONG S.
 12DIC03 PE100 SDR17 BUTT FUSION 45° ELBOW 3" IPS LONG S.
 12DIC04 PE100 SDR17 BUTT FUSION 45° ELBOW 4" IPS LONG S.
 12DIC06 PE100 SDR17 BUTT FUSION 45° ELBOW 6" IPS LONG S.
 12DIC08 PE100 SDR17 BUTT FUSION 45° ELBOW 8" IPS LONG S.
 12DICRT26 PE4710 SDR17 FLANGE ADAPTER 26" IPS
 12DICRT28 PE4710 SDR17 FLANGE ADAPTER 28" IPS
 12DICRT30 PE4710 SDR17 FLANGE ADAPTER 30" IPS
 12DICRT36 PE4710 SDR17 FLANGE ADAPTER 36" IPS
 12DICRTC26 PE4710 SDR17 SHORT SPIGOT FLANGE ADAPTER 26" IPS



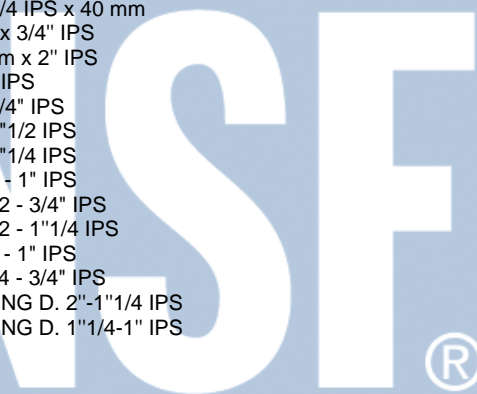
12DIG02 PE100 SDR17 BUTT FUSION 90° ELBOW 2" IPS
 12DIG03 PE100 SDR17 BUTT FUSION 90° ELBOW 3" IPS
 12DIG04 PE100 SDR17 BUTT FUSION 90° ELBOW 4" IPS
 12DIG06 PE100 SDR17 BUTT FUSION 90° ELBOW 6" IPS
 12DIG08 PE100 SDR17 BUTT FUSION 90° ELBOW 8" IPS
 12DIMED24 E/F COUPLER D.24" DIPS 160 psi
 12DIR0302 BUTT FUSION REDUCER D. 3"IPS x 2"IPS PE100 SDR17
 12DIR0402 BUTT FUSION REDUCER D. 4"IPS x 2"IPS PE100 SDR17
 12DIR0403 BUTT FUSION REDUCER D. 4"IPS x 3"IPS PE100 SDR17
 12DIR0603 PE100 SDR17 BUTT FUSION REDUCER 6" IPS – 3" IPS
 12DIT02 PE100 SDR17 BUTT FUSION TEE 2" IPS
 12DIT03 PE100 SDR17 BUTT FUSION TEE 3" IPS
 12DIT04 PE100 SDR17 BUTT FUSION TEE 4" IPS
 12DIT06 PE100 SDR17 BUTT FUSION TEE 6" IPS
 12DIT08 PE100 SDR17 BUTT FUSION TEE 8" IPS
 12EIBFRS06 BUTT FUSION REPAIR SLEEVE 6" IPS
 12EIBFRS08 BUTT FUSION REPAIR SLEEVE 8"
 12EIBFRS12 BUTT FUSION REPAIR SLEEVE 12"
 12EIC08 45° ELBOW 8" IPS LONG SPIGOT
 12EICAL04 E/F 4" END CAP
 12EICAL06 E/F 6" END CAP
 12EICAL08 E/F 8" END CAP
 12EICEM03 E/F SINGLE WIRE 45° ELBOW 3" IPS
 12EICRT04D PE4710 SDR11 FLANGE ADAPTER 4" DIPS
 12EICRT06 PE4710 SDR11 FLANGE ADAPTER 6" IPS
 12EICRT06D PE4710 SDR11 FLANGE ADAPTER 6" DIPS
 12EICRT08D PE4710 SDR11 FLANGE ADAPTER 8" DIPS
 12EICRT10D PE4710 SDR11 FLANGE ADAPTER 10" DIPS
 12EICRT12D PE4710 SDR11 FLANGE ADAPTER 12" DIPS
 12EICRT14 PE4710 SDR11 FLANGE ADAPTER 14" IPS
 12EICRT14D PE4710 SDR11 FLANGE ADAPTER 14" DIPS
 12EICRT16 PE4710 SDR11 FLANGE ADAPTER 16" IPS
 12EICRT16D PE4710 SDR11 FLANGE ADAPTER 16" DIPS
 12EICRT18 PE4710 SDR11 FLANGE ADAPTER 18" IPS
 12EICRT20 PE4710 SDR11 FLANGE ADAPTER 20" IPS
 12EICRT22 PE4710 SDR11 FLANGE ADAPTER 22" IPS
 12EICRT24 PE4710 SDR11 FLANGE ADAPTER 24" IPS
 12EICRT28 PE4710 SDR11 FLANGE ADAPTER 28" IPS
 12EICRT30 PE4710 SDR11 FLANGE ADAPTER 30" IPS
 12EICRT36 PE4710 SDR11 FLANGE ADAPTER 36" IPS
 12EICRTB08 PE4710 SDR11 FLANGE ADAPTER 8" IPS BEVELED
 12EIG02 PE100 SDR11 BUTT FUSION 90° ELBOW 2" IPS
 12EIG03 PE100 SDR11 BUTT FUSION 90° ELBOW 3" IPS
 12EIG04 PE100 SDR11 BUTT FUSION 90° ELBOW 4" IPS
 12EIG06 PE100 SDR11 BUTT FUSION 90° ELBOW 6" IPS
 12EIG08 PE100 SDR11 BUTT FUSION 90° ELBOW 8" IPS
 12EIGEM02 PE100 SDR11 E/F SINGLE WIRE 90° ELBOW D.2" IPS
 12EIGEM03 PE100 SDR11 E/F SINGLE WIRE 90° ELBOW D.3" IPS
 12EIME01 PE100 SDR11 E/F COUPLER D.1" IPS
 12EIME012C PE100 SDR11 E/F COUPLER D.1/2" CTS
 12EIME01C PE100 SDR11 E/F COUPLER D.1" CTS
 12EIME02 PE100 SDR11 E/F COUPLER D.2"
 12EIME03 PE100 SDR11 E/F COUPLER D.3"
 12EIME034 PE100 SDR11 E/F COUPLER D.3/4"
 12EIME04 PE100 SDR11 E/F COUPLER D.4"
 12EIME06 PE100 SDR11 E/F COUPLER D.6"
 12EIME08 PE100 SDR11 E/F COUPLER D.8"
 12EIME10 PE100 SDR11 E/F COUPLER D.10"
 12EIME28 PE100 SDR11 E/F COUPLER D.28"

 12EIMJ03 MALE JOINT ADAPTER 3"DIPS x 3" IPS
 12EIMJ03D MALE JOINT ADAPTER 3"DIPS x 3" DIPS
 12EIMJ03DSS MALE JOINT ADAPTER 3"DIPS x 3" DIPS
 12EIMJ03SS MALE JOINT ADAPTER 3"DIPS x 3" IPS
 12EIMJ04 MALE JOINT ADAPTER 4"DIPS x 4" IPS
 12EIMJ04D MALE JOINT ADAPTER 4"DIPS x 4" DIPS
 12EIMJ04DSS MALE JOINT ADAPTER 4"DIPS x 4" DIPS
 12EIMJ04SS MALE JOINT ADAPTER 4"DIPS x 4" IPS
 12EIMJ06 MALE JOINT ADAPTER 6"DIPS x 6" IPS
 12EIMJ06D MALE JOINT ADAPTER 6"DIPS x 6" DIPS
 12EIMJ06DSS MALE JOINT ADAPTER 6"DIPS x 6" DIPS
 12EIMJ06SS MALE JOINT ADAPTER 6"DIPS x 6" IPS
 12EIMJ08 MALE JOINT ADAPTER 8"DIPS x 8" IPS
 12EIMJ08D MALE JOINT ADAPTER 8"DIPS x 8" DIPS
 12EIMJ08DSS MALE JOINT ADAPTER 8"DIPS x 8" DIPS
 12EIMJ08SS MALE JOINT ADAPTER 8"DIPS x 8" IPS



12EIMJ10 MALE JOINT ADAPTER 10"DIPS x 10" IPS
 12EIMJ10D MALE JOINT ADAPTER 10"DIPS x 10" DIPS
 12EIMJ10DSS MALE JOINT ADAPTER 10"DIPS x 10" DIPS
 12EIMJ10SS MALE JOINT ADAPTER 10"DIPS x 10" IPS
 12EIMJ12 MALE JOINT ADAPTER 12"DIPS x 12" IPS
 12EIMJ12D MALE JOINT ADAPTER 12"DIPS x 12" DIPS
 12EIMJ12DSS MALE JOINT ADAPTER 12"DIPS x 12" DIPS
 12EIMJ12SS MALE JOINT ADAPTER 12"DIPS x 12" IPS
 12EIMJ14 MALE JOINT ADAPTER 14"DIPS x 14" IPS
 12EIMJ14D MALE JOINT ADAPTER 14"DIPS x 14" DIPS
 12EIMJ14DSS MALE JOINT ADAPTER 14"DIPS x 14" DIPS
 12EIMJ14SS MALE JOINT ADAPTER 14"DIPS x 14" IPS
 12EIMJ16 MALE JOINT ADAPTER 16"DIPS x 16" IPS
 12EIMJ16D MALE JOINT ADAPTER 16"DIPS x 16" DIPS
 12EIMJ16DSS MALE JOINT ADAPTER 16"DIPS x 16" DIPS
 12EIMJ16SS MALE JOINT ADAPTER 16"DIPS x 16" IPS
 12EIMJ18 MALE JOINT ADAPTER 18"DIPS x 18" IPS
 12EIMJ18D MALE JOINT ADAPTER 18"DIPS x 18" DIPS
 12EIMJ20 MALE JOINT ADAPTER 20"DIPS x 20" IPS
 12EIMJ20D MALE JOINT ADAPTER 20"DIPS x 20" DIPS
 12EIMJ24 MALE JOINT ADAPTER 24"DIPS x 24" IPS
 12EIMJ24D MALE JOINT ADAPTER 24"DIPS x 24" DIPS
 12EIR02112 BUTT FUSION REDUCER D. 2" IPS x 1"1/2 IPS
 12EIR0302 BUTT FUSION REDUCER D. 3" IPS x 2" IPS
 12EIR0402 BUTT FUSION REDUCER D. 4" IPS x 2" IPS
 12EIR0403 BUTT FUSION REDUCER D. 4" IPS x 3" IPS
 12EIR0603 PE100 SDR11 BUTT FUSION REDUCER 6" IPS – 3" IPS
 12EIR0604 BUTT FUSION REDUCER D. 6"IPS x 4"IPS PE100 SDR11
 12EIR0804 BUTT FUSION REDUCER D. 8"IPS x 4"IPS PE100 SDR11
 12EIR0806 BUTT FUSION REDUCER D. 8"IPS x 6"IPS PE100 SDR11
 12EIR1006 BUTT FUSION REDUCER D. 10"IPSx6"IPS PE100 SDR11
 12EIR1008 BUTT FUSION REDUCER D. 10"IPSx8"IPS PE100 SDR11
 12EIR112114 BUTT FUSION REDUCER D. 1"1/2 IPS x 1"1/4 IPS
 12EIR1210 BUTT FUSION REDUCER D. 12"IPSx10"IPS PE100 SDR11
 12EIRDME11440 PE100 SDR11 E/F REDUCER D. 1"1/4 IPS x 40 mm
 12EIRDME4034 PE100 SDR11 E/F REDUCER 40 mm x 3/4" IPS
 12EIRDME6302 PE100 SDR11 E/F REDUCER D. 63mm x 2" IPS
 12EIRS0201 SOCKET FUSION REDUCING DN 2" - 1" IPS
 12EIRS02034 SOCKET FUSION REDUCING DN 2" - 3/4" IPS
 12EIRS02112 SOCKET FUSION REDUCING DN 2" - 1"1/2 IPS
 12EIRS02114 SOCKET FUSION REDUCING DN 2" - 1"1/4 IPS
 12EIRS11201 SOCKET FUSION REDUCING DN 1"1/2 - 1" IPS
 12EIRS112034 SOCKET FUSION REDUCING DN 1"1/2 - 3/4" IPS
 12EIRS112114 SOCKET FUSION REDUCING DN 1"1/2 - 1"1/4 IPS
 12EIRS11401 SOCKET FUSION REDUCING DN 1"1/4 - 1" IPS
 12EIRS114034 SOCKET FUSION REDUCING DN 1"1/4 - 3/4" IPS
 12EIRSC02114 SOCKET FUSION FEM. RED. COUPLING D. 2"-1"1/4 IPS
 12EIRSC11401 SOCKET FUSION FEM. RED. COUPLING D. 1"1/4-1" IPS
 12EISC01 SOCKET FUSION COUPLING DN 1" IPS
 12EISC02 SOCKET FUSION COUPLING DN 2" IPS
 12EISC034 SOCKET FUSION COUPLING DN 3/4" IPS
 12EISC112 SOCKET FUSION COUPLING DN 1"1/2 IPS
 12EISC114 SOCKET FUSION COUPLING DN 1"1/4 IPS
 12EISC4501 SOCKET FUSION 45° ELBOW DN 1" IPS

 12EISC4502 SOCKET FUSION 45° ELBOW DN 2" IPS
 12EISTR112114034 SOCKET FUSION RED. TEE D.1"1/2-1"1/4-3/4" IPS
 12EISTR11411401 SOCKET FUSION RED. TEE DN 1"1/4 - 1"1/4 - 1" IPS
 12EISTR114114034 SOCKET FUSION RED. TEE DN 1"1/4 - 1"1/4 - 3/4" IPS
 12EIT02 PE100 SDR11 BUTT FUSION TEE 2" IPS
 12EIT03 PE100 SDR11 BUTT FUSION TEE 3" IPS
 12EIT04 PE100 SDR11 BUTT FUSION TEE 4" IPS
 12EIT06 PE100 SDR11 BUTT FUSION TEE 6" IPS
 12EIT08 PE100 SDR11 BUTT FUSION TEE 8" IPS
 12EITCE012C S. WIRE E/F TEE W/SPIGOT END D.1/2" CTS
 12EITCE01C S. WIRE E/F TEE W/SPIGOT END D.1" CTS
 12EITCE02 S. WIRE E/F TEE W/SPIGOT END D.2" IPS
 12EITCE114 S. WIRE E/F TEE W/SPIGOT END D.1"1/4 IPS
 12EITRMC1612 PE4710 SDR11 REDUCING TEE 16" IPS x 12" IPS
 12EITRS0403 BUTT FUS. RED. TEE 4"IPS x 3" IPS
 12EITRS0804 BUTT FUS. RED. TEE 8"IPSx4" IPS PE4710 230PSI
 12EITRS0806 BUTT FUS. RED. TEE 8"IPSx6" IPS PE4710 230PSI
 12EIVLRS02180 VARIABLE LENGHT REPAIR SLEEVE 2" IPS 180°
 12EIVLRS02180M MODULAR VARIABLE LENGHT REPAIR SLEEVE 2" IPS 180°
 12EIVLRS04 VARIABLE LENGHT REPAIR SLEEVE 4" IPS
 12EIVLRS04180 VARIABLE LENGHT REPAIR SLEEVE 4" IPS 180°



12EIVLRS04180M MODULAR VARIABLE LENGHT REPAIR SLEEVE 4" IPS 180°
 12EIVLRS04M VARIABLE LENGHT REPAIR SLEEVE 4" IPS MODULAR
 12EIVLRS06180 VARIABLE LENGHT REPAIR SLEEVE 6" IPS 180°
 12EIVLRS06180M MODULAR VARIABLE LENGHT REPAIR SLEEVE 6" IPS 180°
 12EIWYE02 BUTT FUSION 45° WYE 2" IPS PE4710 SDR11
 12GIC03 PE4710 SDR 7 45° ELBOW LONG SPIGOT 3" IPS
 12GIC04 PE4710 SDR7 45° ELBOW LONG SPIGOT 4" IPS
 12GIC06 PE4710 SDR7 -45° ELBOW LONG SPIGOT 6" IPS
 12GICRT02 PE4710 SDR 7 FLANGE ADAPTER 2" IPS
 12GICRT03 PE4710 SDR 7 FLANGE ADAPTER 3" IPS
 12GICRT04 PE4710 SDR 7 FLANGE ADAPTER 4" IPS
 12GICRT06 PE4710 SDR 7 FLANGE ADAPTER 6" IPS
 12GICRT08 PE4710 SDR 7 FLANGE ADAPTER 8" IPS
 12GICRT10 PE4710 SDR 7 FLANGE ADAPTER 10" IPS
 12GICRT12 PE4710 SDR 7 FLANGE ADAPTER 12" IPS
 12GICRT14 PE4710 SDR 7 FLANGE ADAPTER 14" IPS
 12GICRT16 PE4710 SDR 7 FLANGE ADAPTER 16" IPS
 12GICRT18 PE4710 SDR 7 FLANGE ADAPTER 18" IPS
 12GICRT20 PE4710 SDR 7 FLANGE ADAPTER 20" IPS
 12GICRT24 PE4710 SDR 7 FLANGE ADAPTER 24" IPS
 12GIG02 PE100 SDR7 BUTT FUSION 90° ELBOW 2" IPS
 12GIG03 PE100 SDR7 BUTT FUSION 90° ELBOW 3" IPS
 12GIG04 PE100 SDR7 BUTT FUSION 90° ELBOW 4" IPS
 12GIG06 PE100 SDR7 BUTT FUSION 90° ELBOW 6" IPS
 12GIME06 E/F COUPLER D.6" IPS 380PSI
 12GIME08 E/F COUPLER D.8 IPS 380PSI
 12GIME10 E/F COUPLER D.10" IPS 380PSI
 12GIME12 E/F Coupler 12" IPS 380PSI
 12GIR0302 BUTT FUSION REDUCER D. 3"IPS x 2"IPS PE100 SDR7
 12GIR0402 BUTT FUSION REDUCER D. 4"IPS x 2"IPS PE100 SDR7
 12GIR0403 BUTT FUSION REDUCER D. 4"IPS x 3"IPS PE100 SDR7
 12GIR0604 BUTT FUSION REDUCER D. 6"IPS x 4"IPS PE100 SDR7
 12GIR0806 BUTT FUSION REDUCER D. 8"IPS x 6"IPS PE100 SDR7
 12GIR1006 BUTT FUSION REDUCER D. 10"IPS x 6"IPS PE100 SDR7
 12GIR1008 BUTT FUSION REDUCER D. 10"IPS x 8"IPS PE100 SDR7
 12GIR1208 BUTT FUSION REDUCER D. 12"IPS x 8"IPS PE100 SDR7
 12GIT03 PE100 SDR7 BUTT FUSION TEE 3" IPS
 12GIT04 PE100 SDR7 BUTT FUSION TEE 4" IPS
 12GIT06 PE100 SDR7 BUTT FUSION TEE 6" IPS
 12HIC03 PE4710 SDR9 GOMITO 45° D.3" IPS
 12HIC04 PE4710 SDR9 ELBOW 45° D.4" IPS
 12HIC06 PE4710 SDR9 ELBOW 45° 6" IPS
 12HICRT02 PE4710 SDR 9 FLANGE ADAPTER 2" IPS
 12HICRT03 PE4710 SDR 9 FLANGE ADAPTER 3" IPS
 12HICRT04 PE4710 SDR 9 FLANGE ADAPTER 4" IPS
 12HICRT04D PE4710 SDR9 FLANGE ADAPTER 4" DIPS
 12HICRT06 PE4710 SDR 9 FLANGE ADAPTER 6" IPS
 12HICRT06D PE4710 SDR9 FLANGE ADAPTER 6" DIPS
 12HICRT08 PE4710 SDR 9 FLANGE ADAPTER 8" IPS
 12HICRT08D PE4710 SDR9 FLANGE ADAPTER 8" DIPS
 12HICRT10D PE4710 SDR9 FLANGE ADAPTER 10" DIPS
 12HICRT12D PE4710 SDR9 FLANGE ADAPTER 12" DIPS
 12HICRT14D PE4710 SDR9 FLANGE ADAPTER 14" DIPS
 12HICRT16D PE4710 SDR9 FLANGE ADAPTER 16" DIPS
 12HIG02 PE4710 SDR9 ELBOW 90° 2" IPS
 12HIG03 PE100 SDR9 BUTT FUSION 90° ELBOW 3" IPS
 12HIG04 PE100 SDR9 BUTT FUSION 90° ELBOW 4" IPS
 12HIG06 PE100 SDR9 BUTT FUSION 90° ELBOW 6" IPS
 12HIG08 PE100 SDR9 BUTT FUSION 90° ELBOW 8" IPS
 12HIMJ03DSS MALE JOINT ADAPTER 3"DIPS x 3" DIPS SDR9
 12HIMJ03SS MALE JOINT ADAPTER 3"DIPS x 3" IPS SDR9
 12HIMJ04 MALE JOINT ADAPTER 4"DIPS x 4" IPS SDR9
 12HIMJ04D MALE JOINT ADAPTER 4"DIPS x 4" DIPS SDR9
 12HIMJ04DSS MALE JOINT ADAPTER 4"DIPS x 4" DIPS SDR9
 12HIMJ04SS MALE JOINT ADAPTER 4"DIPS x 4" IPS SDR9
 12HIMJ06 MALE JOINT ADAPTER 6"DIPS x 6" IPS SDR9
 12HIMJ06D MALE JOINT ADAPTER 6"DIPS x 6" DIPS SDR9
 12HIMJ06DSS MALE JOINT ADAPTER 6"DIPS x 6" DIPS SDR9
 12HIMJ06SS MALE JOINT ADAPTER 6"DIPS x 6" IPS SDR9
 12HIMJ08 MALE JOINT ADAPTER 8"DIPS x 8" IPS SDR9
 12HIMJ08D MALE JOINT ADAPTER 8"DIPS x 8" DIPS SDR9
 12HIMJ08DSS MALE JOINT ADAPTER 8"DIPS x 8" DIPS SDR9
 12HIMJ08SS MALE JOINT ADAPTER 8"DIPS x 8" IPS SDR9
 12HIMJ10 MALE JOINT ADAPTER 10"DIPS x 10" DIPS SDR9
 12HIMJ10D MALE JOINT ADAPTER 10"DIPS x 10" DIPS SDR9



12HIMJ10DSS MALE JOINT ADAPTER 10"DIPS x 10" DIPS SDR9
 12HIMJ10SS MALE JOINT ADAPTER 10"DIPS x 10" IPS SDR9
 12HIMJ12 MALE JOINT ADAPTER 12"DIPS x 12" IPS SDR9
 12HIMJ12D MALE JOINT ADAPTER 12"DIPS x 12" DIPS SDR9
 12HIMJ12DSS MALE JOINT ADAPTER 12"DIPS x 12" DIPS SDR9
 12HIMJ12SS MALE JOINT ADAPTER 12"DIPS x 12" IPS SDR9
 12HIMJ14 MALE JOINT ADAPTER 14"DIPS x 14" IPS SDR9
 12HIMJ14D MALE JOINT ADAPTER 14"DIPS x 14" DIPS SDR9
 12HIMJ14DSS MALE JOINT ADAPTER 14"DIPS x 14" DIPS SDR9
 12HIMJ14SS MALE JOINT ADAPTER 14"DIPS x 14" IPS SDR9
 12HIMJ16 MALE JOINT ADAPTER 16"DIPS x 16" IPS SDR9
 12HIMJ16D MALE JOINT ADAPTER 16"DIPS x 16" DIPS SDR9
 12HIMJ16DSS MALE JOINT ADAPTER 16"DIPS x 16" DIPS SDR9
 12HIMJ16SS MALE JOINT ADAPTER 16"DIPS x 16" IPS SDR9
 12HIMJ18 MALE JOINT ADAPTER 18"DIPS x 18" IPS SDR9
 12HIMJ18D MALE JOINT ADAPTER 18"DIPS x 18" DIPS SDR9
 12HIMJ20 MALE JOINT ADAPTER 20"DIPS x 20" IPS SDR9
 12HIMJ20D MALE JOINT ADAPTER 20"DIPS x 20" DIPS SDR9
 12HIMJ24 MALE JOINT ADAPTER 24"DIPS x 24" IPS SDR9
 12HIMJ24D MALE JOINT ADAPTER 24"DIPS x 24" DIPS SDR9
 12HIT03 PE100 SDR9 BUTT FUSION TEE 3" IPS
 12HIT04 PE100 SDR9 BUTT FUSION TEE 4" IPS
 12HIT06 PE100 SDR9 BUTT FUSION TEE 6" IPS

12DC063 45° ELBOW LONG SPIGOT 63mm (PE100 SDR17)
 12DC075 45° ELBOW LONG SPIGOT 75mm (PE100 SDR17)
 12DC090 45° ELBOW LONG SPIGOT 90mm (PE100 SDR17)
 12DC110 45° ELBOW LONG SPIGOT 110mm (PE100 SDR17)
 12DC125 45° ELBOW LONG SPIGOT 125mm (PE100 SDR17)
 12DC140 45° ELBOW LONG SPIGOT 140mm (PE100 SDR17)
 12DC160 45° ELBOW LONG SPIGOT 160mm (PE100 SDR17)
 12DC180 45° ELBOW LONG SPIGOT 180mm (PE100 SDR17)
 12DC200 45° ELBOW LONG SPIGOT 200mm (PE100 SDR17)
 12DC225 45° ELBOW LONG SPIGOT 225mm (PE100 SDR17)
 12DC250 45° ELBOW LONG SPIGOT 250mm (PE100 SDR17)
 12DC280 45° ELBOW LONG SPIGOT 280mm (PE100 SDR17)
 12DC315 45° ELBOW LONG SPIGOT 315mm (PE100 SDR17)
 12DC355 45° ELBOW SHORT SPIGO 355mm (PE100 SDR17)
 12DC400 45° ELBOW LONG SPIGOT 400mm (PE100 SDR17)
 12DC450 45° ELBOW LONG SPIGOT 450mm (PE100 SDR17)
 12DC500 45° ELBOW LONG SPIGOT 500mm (PE100 SDR17)
 12DCAL063 LONG SPIGOT CAP 63mm (PE100 SDR17)
 12DCAL075 LONG SPIGOT CAP 75mm (PE100 SDR17)
 12DCAL090 LONG SPIGOT CAP 90mm (PE100 SDR17)
 12DCAL110 LONG SPIGOT CAP 110mm (PE100 SDR17)
 12DCAL125 LONG SPIGOT CAP 125mm (PE100 SDR17)
 12DCAL140 LONG SPIGOT CAP 140mm (PE100 SDR17)
 12DCAL160 LONG SPIGOT CAP 160mm (PE100 SDR17)
 12DCAL180 LONG SPIGOT CAP 180mm (PE100 SDR17)
 12DCAL200 LONG SPIGOT CAP 200mm (PE100 SDR17)
 12DCAL225 LONG SPIGOT CAP 225mm (PE100 SDR17)
 12DCAL250 LONG SPIGOT CAP 250mm (PE100 SDR17)
 12DCAL280 LONG SPIGOT CAP 280mm (PE100 SDR17)
 12DCAL315 LONG SPIGOT CAP 315mm (PE100 SDR17)
 12DCAL355 LONG SPIGOT CAP 355mm (PE100 SDR17)
 12DCAL400 LONG SPIGOT CAP 400mm (PE100 SDR17)
 12DCAL450 LONG SPIGOT CAP 450mm (PE100 SDR17)
 12DCAL500 LONG SPIGOT CAP 500mm (PE100 SDR17)
 12DCAL560 LONG SPIGOT CAP 560mm (PE100 SDR17)
 12DCAL630 LONG SPIGOT CAP 630mm (PE100 SDR17)

12DCC355 45° ELBOW SHORT SPIGOT 355mm (PE100 SDR17)
 12DCC400 45° ELBOW SHORT SPIGOT 400mm (PE100 SDR17)
 12DCC450 45° ELBOW SHORT SPIGOT 450mm (PE100 SDR17)
 12DCC500 45° ELBOW SHORT SPIGOT 500mm (PE100 SDR17)
 12DCRT063 LONG SPIGOT STUB END 63mm (PE100 SDR17)
 12DCRT075 LONG SPIGOT STUB END 75mm (PE100 SDR17)
 12DCRT090 LONG SPIGOT STUB END 90mm (PE100 SDR17)
 12DCRT110 LONG SPIGOT STUB END 110mm (PE100 SDR17)
 12DCRT125 LONG SPIGOT STUB END 120mm (PE100 SDR17)
 12DCRT140 LONG SPIGOT STUB END 140mm (PE100 SDR17)
 12DCRT160 LONG SPIGOT STUB END 160mm (PE100 SDR17)
 12DCRT180 LONG SPIGOT STUB END 180mm (PE100 SDR17)
 12DCRT200 LONG SPIGOT STUB END 200mm (PE100 SDR17)
 12DCRT225 LONG SPIGOT STUB END 225mm (PE100 SDR17)
 12DCRT250 LONG SPIGOT STUB END 250mm (PE100 SDR17)



12DCRT280 LONG SPIGOT STUB END 280mm (PE100 SDR17)
12DCRT315 LONG SPIGOT STUB END 315mm (PE100 SDR17)
12DCRT355 LONG SPIGOT STUB END 355mm (PE100 SDR17)
12DCRT400 LONG SPIGOT STUB END 400mm (PE100 SDR17)
12DCRT450 LONG SPIGOT STUB END 450mm (PE100 SDR17)
12DCRT500 LONG SPIGOT STUB END 500mm (PE100 SDR17)
12DCRT560 LONG SPIGOT STUB END 560mm (PE100 SDR17)
12DCRT630 LONG SPIGOT STUB END 630mm (PE100 SDR17)
12DCRTC1000 SHORT SPIGOT STUB END 1000 mm (PE100 SDR17)
12DCRTC110 SHORT SPIGOT STUB END 110mm (PE100 SDR17)
12DCRTC125 SHORT SPIGOT STUB END 125mm (PE100 SDR17)
12DCRTC140 SHORT SPIGOT STUB END 140mm (PE100 SDR17)
12DCRTC160 SHORT SPIGOT STUB END 160mm (PE100 SDR17)
12DCRTC180 SHORT SPIGOT STUB END 180mm (PE100 SDR17)
12DCRTC200 SHORT SPIGOT STUB END 200mm (PE100 SDR17)
12DCRTC225 SHORT SPIGOT STUB END 225mm (PE100 SDR17)
12DCRTC250 SHORT SPIGOT STUB END 250mm (PE100 SDR17)
12DCRTC280 SHORT SPIGOT STUB END 280mm (PE100 SDR17)
12DCRTC315 SHORT SPIGOT STUB END 315mm (PE100 SDR17)
12DCRTC355 SHORT SPIGOT STUB END 355mm (PE100 SDR17)
12DCRTC400 SHORT SPIGOT STUB END 400mm (PE100 SDR17)
12DCRTC450 SHORT SPIGOT STUB END 450mm (PE100 SDR17)
12DCRTC500 SHORT SPIGOT STUB END 500mm (PE100 SDR17)
12DCRTC560 SHORT SPIGOT STUB END 560mm (PE100 SDR17)
12DCRTC630 SHORT SPIGOT STUB END 630mm (PE100 SDR17)
12DCRTC710 SHORT SPIGOT STUB END 710mm (PE100 SDR17)
12DCRTC800 SHORT SPIGOT STUB END 800mm (PE100 SDR17)
12DCRTC900 SHORT SPIGOT STUB END 900mm (PE100 SDR17)
12DG063 LONG SPIGOT 90° ELBOW 63mm (PE100 SDR17)
12DG075 LONG SPIGOT 90° ELBOW 75mm (PE100 SDR17)
12DG090 LONG SPIGOT 90° ELBOW 90mm (PE100 SDR17)
12DG110 LONG SPIGOT 90° ELBOW 110mm (PE100 SDR17)
12DG125 LONG SPIGOT 90° ELBOW 125mm (PE100 SDR17)
12DG140 LONG SPIGOT 90° ELBOW 140mm (PE100 SDR17)
12DG160 LONG SPIGOT 90° ELBOW 160mm (PE100 SDR17)
12DG180 LONG SPIGOT 90° ELBOW 180mm (PE100 SDR17)
12DG200 LONG SPIGOT 90° ELBOW 200mm (PE100 SDR17)
12DG225 LONG SPIGOT 90° ELBOW 225mm (PE100 SDR17)
12DG250 LONG SPIGOT 90° ELBOW 250mm (PE100 SDR17)
12DG280 LONG SPIGOT 90° ELBOW 280mm (PE100 SDR17)
12DG315 LONG SPIGOT 90° ELBOW 315mm (PE100 SDR17)
12DG355 LONG SPIGOT 90° ELBOW 355mm (PE100 SDR17)
12DG400 LONG SPIGOT 90° ELBOW 400mm (PE100 SDR17)
12DG450 LONG SPIGOT 90° ELBOW 450mm (PE100 SDR17)
12DG500 LONG SPIGOT 90° ELBOW 500mm (PE100 SDR17)
12DGC355 SHORT SPIGOT 90° ELBOW 355mm (PE100 SDR17)
12DGC400 SHORT SPIGOT 90° ELBOW 400mm (PE100 SDR17)
12DGC450 SHORT SPIGOT 90° ELBOW 450mm (PE100 SDR17)
12DGC500 SHORT SPIGOT 90° ELBOW 500mm (PE100 SDR17)

12DME090 ELECTROFUSION COUPLER 90mm (PE100)
12DME1000 ELECTROFUSION COUPLER 1000mm (PE100)
12DME110 ELECTROFUSION COUPLER 110mm (PE100)
12DME125 ELECTROFUSION COUPLER 125mm (PE100)
12DME140 ELECTROFUSION COUPLER 140mm (PE100)
12DME160 ELECTROFUSION COUPLER 160mm (PE100)
12DME180 ELECTROFUSION COUPLER 180mm (PE100)
12DME200 ELECTROFUSION COUPLER 200mm (PE100)
12DME225 ELECTROFUSION COUPLER 225mm (PE100)
12DME250 ELECTROFUSION COUPLER 250mm (PE100)
12DME280 ELECTROFUSION COUPLER 280mm (PE100)
12DME315 ELECTROFUSION COUPLER 315mm (PE100)
12DME355 ELECTROFUSION COUPLER 355mm (PE100)
12DME400 ELECTROFUSION COUPLER 400mm (PE100)
12DME450 ELECTROFUSION COUPLER 450mm (PE100)
12DME500 ELECTROFUSION COUPLER 500mm (PE100)
12DME560 ELECTROFUSION COUPLER 560mm (PE100)
12DME630 ELECTROFUSION COUPLER 630mm (PE100)
12DME710 ELECTROFUSION COUPLER 710mm (PE100)
12DME800 ELECTROFUSION COUPLER 800mm (PE100)
12DME900 ELECTROFUSION COUPLER 900mm (PE100)
12DRD1163 LONG SPIGOT REDUCER 110 x 63mm (PE100 SDR17)
12DRD1175 LONG SPIGOT REDUCER 110 x 75mm (PE100 SDR17)
12DRD1190 LONG SPIGOT REDUCER 110 x 90mm (PE100 SDR17)
12DRD1211 LONG SPIGOT REDUCER 125 x 110mm (PE100 SDR17)



12DRD1263 LONG SPIGOT REDUCER 125 x 63mm (PE100 SDR17)
12DRD1275 LONG SPIGOT REDUCER 125 x 75mm (PE100 SDR17)
12DRD1290 LONG SPIGOT REDUCER 125 x 90mm (PE100 SDR17)
12DRD1411 LONG SPIGOT REDUCER 140 x 110mm (PE100 SDR17)
12DRD1412 LONG SPIGOT REDUCER 140 x 125mm (PE100 SDR17)
12DRD1490 LONG SPIGOT REDUCER 140 x 90mm (PE100 SDR17)
12DRD1611 LONG SPIGOT REDUCER 160 x 110mm (PE100 SDR17)
12DRD1612 LONG SPIGOT REDUCER 160 x 125mm (PE100 SDR17)
12DRD1614 LONG SPIGOT REDUCER 160 x 140mm (PE100 SDR17)
12DRD1690 LONG SPIGOT REDUCER 160 x 90mm (PE100 SDR17)
12DRD1812 LONG SPIGOT REDUCER 180 x 125mm (PE100 SDR17)
12DRD1814 LONG SPIGOT REDUCER 180 x 140mm (PE100 SDR17)
12DRD1816 LONG SPIGOT REDUCER 180 x 160mm (PE100 SDR17)
12DRD2014 LONG SPIGOT REDUCER 200 x 140mm (PE100 SDR17)
12DRD2016 LONG SPIGOT REDUCER 200 x 160mm (PE100 SDR17)
12DRD2018 LONG SPIGOT REDUCER 200 x 180mm (PE100 SDR17)
12DRD2216 LONG SPIGOT REDUCER 225 x 160mm (PE100 SDR17)
12DRD2218 LONG SPIGOT REDUCER 225 x 180mm (PE100 SDR17)
12DRD2220 LONG SPIGOT REDUCER 225 x 200mm (PE100 SDR17)
12DRD2518 LONG SPIGOT REDUCER 250 x 180mm (PE100 SDR17)
12DRD2520 LONG SPIGOT REDUCER 250 x 200mm (PE100 SDR17)
12DRD2522 LONG SPIGOT REDUCER 250 x 225mm (PE100 SDR17)
12DRD2820 LONG SPIGOT REDUCER 280 x 200mm (PE100 SDR17)
12DRD2822 LONG SPIGOT REDUCER 280 x 225mm (PE100 SDR17)
12DRD2825 LONG SPIGOT REDUCER 280 x 250mm (PE100 SDR17)
12DRD3122 LONG SPIGOT REDUCER 315 x 225mm (PE100 SDR17)
12DRD3125 LONG SPIGOT REDUCER 315 x 250mm (PE100 SDR17)
12DRD3128 LONG SPIGOT REDUCER 315 x 280mm (PE100 SDR17)
12DRD3525 LONG SPIGOT REDUCER 355 x 250mm (PE100 SDR17)
12DRD3528 LONG SPIGOT REDUCER 355 x 280mm (PE100 SDR17)
12DRD3531 LONG SPIGOT REDUCER 355 x 315mm (PE100 SDR17)
12DRD4028 LONG SPIGOT REDUCER 400 x 280mm (PE100 SDR17)
12DRD4031 LONG SPIGOT REDUCER 400 x 315mm (PE100 SDR17)
12DRD4035 LONG SPIGOT REDUCER 400 x 355mm (PE100 SDR17)
12DRD4540 LONG SPIGOT REDUCER 450 x 400mm (PE100 SDR17)
12DRD7563 LONG SPIGOT REDUCER 75 x 63mm (PE100 SDR17)
12DRD9050 LONG SPIGOT REDUCER 90 x 50mm (PE100 SDR17)
12DRD9063 LONG SPIGOT REDUCER 90 x 63mm (PE100 SDR17)
12DRD9075 LONG SPIGOT REDUCER 90 x 75mm (PE100 SDR17)

12DRDC2016 SHORT SPIGOT REDUCER 200 x 160mm (PE100 SDR17)
12DRDC2018 SHORT SPIGOT REDUCER 200 x 180mm (PE100 SDR17)
12DRDC2216 SHORT SPIGOT REDUCER 225 x 160mm (PE100 SDR17)
12DRDC2218 SHORT SPIGOT REDUCER 225 x 180mm (PE100 SDR17)
12DRDC2220 SHORT SPIGOT REDUCER 225 x 200mm (PE100 SDR17)
12DRDC2518 SHORT SPIGOT REDUCER 250 x 180mm (PE100 SDR17)
12DRDC2520 SHORT SPIGOT REDUCER 250 x 200mm (PE100 SDR17)
12DRDC2522 SHORT SPIGOT REDUCER 250 x 225mm (PE100 SDR17)
12DRDC2820 SHORT SPIGOT REDUCER 280 x 200mm (PE100 SDR17)
12DRDC2822 SHORT SPIGOT REDUCER 280 x 225mm (PE100 SDR17)
12DRDC2825 SHORT SPIGOT REDUCER 280 x 250mm (PE100 SDR17)
12DRDC3120 SHORT SPIGOT REDUCER 315 x 200mm (PE100 SDR17)
12DRDC3122 SHORT SPIGOT REDUCER 315 x 225mm (PE100 SDR17)
12DRDC3125 SHORT SPIGOT REDUCER 315 x 250mm (PE100 SDR17)
12DRDC3128 SHORT SPIGOT REDUCER 315 x 280mm (PE100 SDR17)
12DRDC3525 SHORT SPIGOT REDUCER 355 x 250mm (PE100 SDR17)
12DRDC3528 SHORT SPIGOT REDUCER 355 x 280mm (PE100 SDR17)
12DRDC3531 SHORT SPIGOT REDUCER 355 x 315mm (PE100 SDR17)
12DRDC4028 SHORT SPIGOT REDUCER 400 x 280mm (PE100 SDR17)
12DRDC4031 SHORT SPIGOT REDUCER 400 x 315mm (PE100 SDR17)
12DRDC4035 SHORT SPIGOT REDUCER 400 x 355mm (PE100 SDR17)
12DRDC4531 SHORT SPIGOT REDUCER 450 x 315mm (PE100 SDR17)
12DRDC4535 SHORT SPIGOT REDUCER 450 x 355mm (PE100 SDR17)
12DRDC4540 SHORT SPIGOT REDUCER 450 x 400mm (PE100 SDR17)
12DRDC5035 SHORT SPIGOT REDUCER 500 x 355mm (PE100 SDR17)
12DRDC5040 SHORT SPIGOT REDUCER 500 x 400mm (PE100 SDR17)
12DRDC5045 SHORT SPIGOT REDUCER 500 x 450mm (PE100 SDR17)
12DRDC5640 SHORT SPIGOT REDUCER 560 x 400mm (PE100 SDR17)
12DRDC5645 SHORT SPIGOT REDUCER 560 x 450mm (PE100 SDR17)
12DRDC5650 SHORT SPIGOT REDUCER 560 x 500mm (PE100 SDR17)
12DRDC6345 SHORT SPIGOT REDUCER 630 x 450mm (PE100 SDR17)
12DRDC6350 SHORT SPIGOT REDUCER 630 x 500mm (PE100 SDR17)
12DRDC6356 SHORT SPIGOT REDUCER 630 x 560mm (PE100 SDR17)
12DRDC7163 SHORT SPIGOT REDUCER 710 x 630mm (PE100 SDR17)
12DT063 LONG SPIGOT 90° TEE 63mm (PE100 SDR17)

12DT075 LONG SPIGOT 90° TEE 75mm (PE100 SDR17)
12DT090 LONG SPIGOT 90° TEE 90mm (PE100 SDR17)
12DT110 LONG SPIGOT 90° TEE 110mm (PE100 SDR17)
12DT125 LONG SPIGOT 90° TEE 125mm (PE100 SDR17)
12DT140 LONG SPIGOT 90° TEE 140mm (PE100 SDR17)
12DT160 LONG SPIGOT 90° TEE 160mm (PE100 SDR17)
12DT180 LONG SPIGOT 90° TEE 180mm (PE100 SDR17)
12DT200 LONG SPIGOT 90° TEE 200mm (PE100 SDR17)
12DT225 LONG SPIGOT 90° TEE 225mm (PE100 SDR17)
12DT250 LONG SPIGOT 90° TEE 250mm (PE100 SDR17)
12DT280 LONG SPIGOT 90° TEE 280mm (PE100 SDR17)
12DT315 LONG SPIGOT 90° TEE 315mm (PE100 SDR17)
12DT355 LONG SPIGOT 90° TEE 355mm (PE100 SDR17)
12DT400 LONG SPIGOT 90° TEE 400mm (PE100 SDR17)
12DTM355 LONG SPIGOT 90° TEE 355mm (PE100 SDR17)
12DTM400 LONG SPIGOT 90° TEE 400mm (PE100 SDR17)
12DTM450 LONG SPIGOT 90° TEE 450mm (PE100 SDR17)
12DTM500 LONG SPIGOT 90° TEE 500mm (PE100 SDR17)
12DTMC355 SHORT SPIGOT 90° TEE 355mm (PE100 SDR17)
12DTMC400 SHORT SPIGOT 90° TEE 400mm (PE100 SDR17)
12DTMC450 SHORT SPIGOT 90° TEE 450mm (PE100 SDR17)
12DTMC500 SHORT SPIGOT 90° TEE 500mm (PE100 SDR17)
12DTRA1014 LONG SPIGOT 90° REDUCING TEE 1000 x 140mm (PE100 SDR17)
12DTRA1016 LONG SPIGOT 90° REDUCING TEE 1000 x 160mm (PE100 SDR17)
12DTRA1020 LONG SPIGOT 90° REDUCING TEE 1000 x 200mm (PE100 SDR17)
12DTRA1025 LONG SPIGOT 90° REDUCING TEE 1000 x 250mm (PE100 SDR17)
12DTRA1028 LONG SPIGOT 90° REDUCING TEE 1000 x 280mm (PE100 SDR17)
12DTRA1031 LONG SPIGOT 90° REDUCING TEE 1000 x 315mm (PE100 SDR17)
12DTRA1035 LONG SPIGOT 90° REDUCING TEE 1000 x 355mm (PE100 SDR17)

12DTRA1040 LONG SPIGOT 90° REDUCING TEE 1000 x 400mm (PE100 SDR17)
12DTRA1045 LONG SPIGOT 90° REDUCING TEE 1000 x 450mm (PE100 SDR17)
12DTRA1050 LONG SPIGOT 90° REDUCING TEE 1000 x 500mm (PE100 SDR17)
12DTRA1056 LONG SPIGOT 90° REDUCING TEE 1000 x 560mm (PE100 SDR17)
12DTRA1063 LONG SPIGOT 90° REDUCING TEE 1000 x 630mm (PE100 SDR17)
12DTRA1071 LONG SPIGOT 90° REDUCING TEE 1000 x 710mm (PE100 SDR17)
12DTRA1080 LONG SPIGOT 90° REDUCING TEE 1000 x 800mm (PE100 SDR17)
12DTRA3111 LONG SPIGOT 90° REDUCING TEE 315 x 110mm (PE100 SDR17)
12DTRA3112 LONG SPIGOT 90° REDUCING TEE 315 x 125mm (PE100 SDR17)
12DTRA3114 LONG SPIGOT 90° REDUCING TEE 315 x 140mm (PE100 SDR17)
12DTRA3116 LONG SPIGOT 90° REDUCING TEE 315 x 160mm (PE100 SDR17)
12DTRA3120 LONG SPIGOT 90° REDUCING TEE 315 x 200mm (PE100 SDR17)
12DTRA3163 LONG SPIGOT 90° REDUCING TEE 315 x 63mm (PE100 SDR17)
12DTRA3175 LONG SPIGOT 90° REDUCING TEE 315 x 75mm (PE100 SDR17)
12DTRA3190 LONG SPIGOT 90° REDUCING TEE 315 x 90mm (PE100 SDR17)
12DTRA3511 LONG SPIGOT 90° REDUCING TEE 355 x 110mm (PE100 SDR17)
12DTRA3512 LONG SPIGOT 90° REDUCING TEE 355 x 125mm (PE100 SDR17)
12DTRA3516 LONG SPIGOT 90° REDUCING TEE 355 x 160mm (PE100 SDR17)
12DTRA3520 LONG SPIGOT 90° REDUCING TEE 355 x 200mm (PE100 SDR17)
12DTRA3525 LONG SPIGOT 90° REDUCING TEE 355 x 250mm (PE100 SDR17)
12DTRA3590 LONG SPIGOT 90° REDUCING TEE 355 x 90mm (PE100 SDR17)
12DTRA4011 LONG SPIGOT 90° REDUCING TEE 400 x 110mm (PE100 SDR17)
12DTRA4012 LONG SPIGOT 90° REDUCING TEE 400 x 125mm (PE100 SDR17)
12DTRA4014 LONG SPIGOT 90° REDUCING TEE 400 x 140mm (PE100 SDR17)
12DTRA4016 LONG SPIGOT 90° REDUCING TEE 400 x 160mm (PE100 SDR17)
12DTRA4020 LONG SPIGOT 90° REDUCING TEE 400 x 200mm (PE100 SDR17)
12DTRA4025 LONG SPIGOT 90° REDUCING TEE 400 x 250mm (PE100 SDR17)
12DTRA4028 LONG SPIGOT 90° REDUCING TEE 400 x 280mm (PE100 SDR17)
12DTRA4031 LONG SPIGOT 90° REDUCING TEE 400 x 315mm (PE100 SDR17)
12DTRA4090 LONG SPIGOT 90° REDUCING TEE 400 x 90mm (PE100 SDR17)
12DTRA4511 LONG SPIGOT 90° REDUCING TEE 450 x 110mm (PE100 SDR17)
12DTRA4512 LONG SPIGOT 90° REDUCING TEE 450 x 125mm (PE100 SDR17)
12DTRA4514 LONG SPIGOT 90° REDUCING TEE 450 x 140mm (PE100 SDR17)
12DTRA4516 LONG SPIGOT 90° REDUCING TEE 450 x 160mm (PE100 SDR17)
12DTRA4520 LONG SPIGOT 90° REDUCING TEE 450 x 200mm (PE100 SDR17)
12DTRA4525 LONG SPIGOT 90° REDUCING TEE 450 x 250mm (PE100 SDR17)
12DTRA4528 LONG SPIGOT 90° REDUCING TEE 450 x 280mm (PE100 SDR17)
12DTRA4531 LONG SPIGOT 90° REDUCING TEE 450 x 315mm (PE100 SDR17)
12DTRA4535 LONG SPIGOT 90° REDUCING TEE 450 x 355mm (PE100 SDR17)
12DTRA4590 LONG SPIGOT 90° REDUCING TEE 450 x 90mm (PE100 SDR17)
12DTRA5014 LONG SPIGOT 90° REDUCING TEE 500 x 140mm (PE100 SDR17)
12DTRA5016 LONG SPIGOT 90° REDUCING TEE 500 x 160mm (PE100 SDR17)
12DTRA5020 LONG SPIGOT 90° REDUCING TEE 500 x 200mm (PE100 SDR17)
12DTRA5025 LONG SPIGOT 90° REDUCING TEE 500 x 250mm (PE100 SDR17)
12DTRA5028 LONG SPIGOT 90° REDUCING TEE 500 x 280mm (PE100 SDR17)



12DTRA5031 LONG SPIGOT 90° REDUCING TEE 500 x 315mm (PE100 SDR17)
12DTRA5035 LONG SPIGOT 90° REDUCING TEE 500 x 355mm (PE100 SDR17)
12DTRA5040 LONG SPIGOT 90° REDUCING TEE 500 x 400mm (PE100 SDR17)
12DTRA5614 LONG SPIGOT 90° REDUCING TEE 560 x 140mm (PE100 SDR17)
12DTRA5616 LONG SPIGOT 90° REDUCING TEE 560 x 160mm (PE100 SDR17)
12DTRA5620 LONG SPIGOT 90° REDUCING TEE 560 x 200mm (PE100 SDR17)
12DTRA5625 LONG SPIGOT 90° REDUCING TEE 560 x 250mm (PE100 SDR17)

12DTRA5628 LONG SPIGOT 90° REDUCING TEE 560 x 280mm (PE100 SDR17)
12DTRA5631 LONG SPIGOT 90° REDUCING TEE 560 x 315mm (PE100 SDR17)
12DTRA5635 LONG SPIGOT 90° REDUCING TEE 560 x 355mm (PE100 SDR17)
12DTRA5640 LONG SPIGOT 90° REDUCING TEE 560 x 400mm (PE100 SDR17)
12DTRA5645 LONG SPIGOT 90° REDUCING TEE 560 x 450mm (PE100 SDR17)
12DTRA6314 LONG SPIGOT 90° REDUCING TEE 630 x 140mm (PE100 SDR17)
12DTRA6316 LONG SPIGOT 90° REDUCING TEE 630 x 160mm (PE100 SDR17)
12DTRA6320 LONG SPIGOT 90° REDUCING TEE 630 x 200mm (PE100 SDR17)
12DTRA6325 LONG SPIGOT 90° REDUCING TEE 630 x 250mm (PE100 SDR17)
12DTRA6328 LONG SPIGOT 90° REDUCING TEE 630 x 280mm (PE100 SDR17)
12DTRA6331 LONG SPIGOT 90° REDUCING TEE 630 x 315mm (PE100 SDR17)
12DTRA6335 LONG SPIGOT 90° REDUCING TEE 630 x 355mm (PE100 SDR17)
12DTRA6340 LONG SPIGOT 90° REDUCING TEE 630 x 400mm (PE100 SDR17)
12DTRA6345 LONG SPIGOT 90° REDUCING TEE 630 x 450mm (PE100 SDR17)
12DTRA6350 LONG SPIGOT 90° REDUCING TEE 630 x 500mm (PE100 SDR17)
12DTRA7114 LONG SPIGOT 90° REDUCING TEE 710 x 140mm (PE100 SDR17)
12DTRA7116 LONG SPIGOT 90° REDUCING TEE 710 x 160mm (PE100 SDR17)
12DTRA7120 LONG SPIGOT 90° REDUCING TEE 710 x 200mm (PE100 SDR17)
12DTRA7125 LONG SPIGOT 90° REDUCING TEE 710 x 250mm (PE100 SDR17)
12DTRA7128 LONG SPIGOT 90° REDUCING TEE 710 x 280mm (PE100 SDR17)
12DTRA7131 LONG SPIGOT 90° REDUCING TEE 710 x 315mm (PE100 SDR17)
12DTRA7135 LONG SPIGOT 90° REDUCING TEE 710 x 355mm (PE100 SDR17)
12DTRA7140 LONG SPIGOT 90° REDUCING TEE 710 x 400mm (PE100 SDR17)
12DTRA7145 LONG SPIGOT 90° REDUCING TEE 710 x 450mm (PE100 SDR17)
12DTRA7150 LONG SPIGOT 90° REDUCING TEE 710 x 500mm (PE100 SDR17)
12DTRA7156 LONG SPIGOT 90° REDUCING TEE 710 x 560mm (PE100 SDR17)
12DTRA8014 LONG SPIGOT 90° REDUCING TEE 800 x 140mm (PE100 SDR17)
12DTRA8016 LONG SPIGOT 90° REDUCING TEE 800 x 160mm (PE100 SDR17)
12DTRA8020 LONG SPIGOT 90° REDUCING TEE 800 x 200mm (PE100 SDR17)
12DTRA8025 LONG SPIGOT 90° REDUCING TEE 800 x 250mm (PE100 SDR17)
12DTRA8028 LONG SPIGOT 90° REDUCING TEE 800 x 280mm (PE100 SDR17)
12DTRA8031 LONG SPIGOT 90° REDUCING TEE 800 x 315mm (PE100 SDR17)
12DTRA8035 LONG SPIGOT 90° REDUCING TEE 800 x 355mm (PE100 SDR17)
12DTRA8040 LONG SPIGOT 90° REDUCING TEE 800 x 400mm (PE100 SDR17)
12DTRA8045 LONG SPIGOT 90° REDUCING TEE 800 x 450mm (PE100 SDR17)
12DTRA8050 LONG SPIGOT 90° REDUCING TEE 800 x 500mm (PE100 SDR17)
12DTRA8056 LONG SPIGOT 90° REDUCING TEE 800 x 560mm (PE100 SDR17)
12DTRA8063 LONG SPIGOT 90° REDUCING TEE 800 x 630mm (PE100 SDR17)
12DTRA9014 LONG SPIGOT 90° REDUCING TEE 900 x 140mm (PE100 SDR17)
12DTRA9016 LONG SPIGOT 90° REDUCING TEE 900 x 160mm (PE100 SDR17)
12DTRA9020 LONG SPIGOT 90° REDUCING TEE 900 x 200mm (PE100 SDR17)
12DTRA9025 LONG SPIGOT 90° REDUCING TEE 900 x 250mm (PE100 SDR17)
12DTRA9028 LONG SPIGOT 90° REDUCING TEE 900 x 280mm (PE100 SDR17)
12DTRA9031 LONG SPIGOT 90° REDUCING TEE 900 x 315mm (PE100 SDR17)
12DTRA9035 LONG SPIGOT 90° REDUCING TEE 900 x 355mm (PE100 SDR17)
12DTRA9040 LONG SPIGOT 90° REDUCING TEE 900 x 400mm (PE100 SDR17)
12DTRA9045 LONG SPIGOT 90° REDUCING TEE 900 x 450mm (PE100 SDR17)
12DTRA9050 LONG SPIGOT 90° REDUCING TEE 900 x 500mm (PE100 SDR17)
12DTRA9056 LONG SPIGOT 90° REDUCING TEE 900 x 560mm (PE100 SDR17)
12DTRA9063 LONG SPIGOT 90° REDUCING TEE 900 x 630mm (PE100 SDR17)
12DTRA9071 LONG SPIGOT 90° REDUCING TEE 900 x 710mm (PE100 SDR17)

12DTRMC2811 SHORT SPIGOT REDUCING TEE 280 x 110mm (PE100 SDR17)
12DTRMC2812 SHORT SPIGOT REDUCING TEE 280 x 125mm (PE100 SDR17)
12DTRMC2814 SHORT SPIGOT REDUCING TEE 280 x 140mm (PE100 SDR17)
12DTRMC2816 SHORT SPIGOT REDUCING TEE 280 x 160mm (PE100 SDR17)
12DTRMC2818 SHORT SPIGOT REDUCING TEE 280 x 160mm (PE100 SDR17)
12DTRMC2820 SHORT SPIGOT REDUCING TEE 280 x 200mm (PE100 SDR17)
12DTRMC2863 SHORT SPIGOT REDUCING TEE 280 x 63 mm (PE100 SDR17)
12DTRMC2875 SHORT SPIGOT REDUCING TEE 280 x 75mm (PE100 SDR17)
12DTRMC2890 SHORT SPIGOT REDUCING TEE 280 x 90mm (PE100 SDR17)
12DTRMC3111 SHORT SPIGOT REDUCING TEE 315 x 110mm (PE100 SDR17)
12DTRMC3112 SHORT SPIGOT REDUCING TEE 315 x 125mm (PE100 SDR17)
12DTRMC3114 SHORT SPIGOT REDUCING TEE 315 x 140mm (PE100 SDR17)
12DTRMC3116 SHORT SPIGOT REDUCING TEE 315 x 160mm (PE100 SDR17)
12DTRMC3118 SHORT SPIGOT REDUCING TEE 315 x 180mm (PE100 SDR17)
12DTRMC3120 SHORT SPIGOT REDUCING TEE 315 x 200mm (PE100 SDR17)



12DTRMC3122 SHORT SPIGOT REDUCING TEE 315 x 225mm (PE100 SDR17)
12DTRMC3125 SHORT SPIGOT REDUCING TEE 315 x 250mm (PE100 SDR17)
12DTRMC3163 SHORT SPIGOT REDUCING TEE 315 x 63mm (PE100 SDR17)
12DTRMC3175 SHORT SPIGOT REDUCING TEE 315 x 75mm (PE100 SDR17)
12DTRMC3190 SHORT SPIGOT REDUCING TEE 315 x 90mm (PE100 SDR17)
12DTRMC3511 SHORT SPIGOT REDUCING TEE 355 x 110mm (PE100 SDR17)
12DTRMC3512 SHORT SPIGOT REDUCING TEE 355 x 125mm (PE100 SDR17)
12DTRMC3514 SHORT SPIGOT REDUCING TEE 355 x 140mm (PE100 SDR17)
12DTRMC3516 SHORT SPIGOT REDUCING TEE 355 x 160mm (PE100 SDR17)
12DTRMC3518 SHORT SPIGOT REDUCING TEE 355 x 180mm (PE100 SDR17)
12DTRMC3520 SHORT SPIGOT REDUCING TEE 355 x 200mm (PE100 SDR17)
12DTRMC3522 SHORT SPIGOT REDUCING TEE 355 x 225mm (PE100 SDR17)
12DTRMC3525 SHORT SPIGOT REDUCING TEE 355 x 250mm (PE100 SDR17)
12DTRMC3590 SHORT SPIGOT REDUCING TEE 355 x 90mm (PE100 SDR17)
12DTRMC4011 SHORT SPIGOT REDUCING TEE 400 x 110mm (PE100 SDR17)
12DTRMC4012 SHORT SPIGOT REDUCING TEE 400 x 125mm (PE100 SDR17)
12DTRMC4014 SHORT SPIGOT REDUCING TEE 400 x 140mm (PE100 SDR17)
12DTRMC4016 SHORT SPIGOT REDUCING TEE 400 x 160mm (PE100 SDR17)
12DTRMC4018 SHORT SPIGOT REDUCING TEE 400 x 180mm (PE100 SDR17)
12DTRMC4020 SHORT SPIGOT REDUCING TEE 400 x 200mm (PE100 SDR17)
12DTRMC4022 SHORT SPIGOT REDUCING TEE 400 x 225mm (PE100 SDR17)
12DTRMC4025 SHORT SPIGOT REDUCING TEE 400 x 250mm (PE100 SDR17)
12DTRMC4028 SHORT SPIGOT REDUCING TEE 400 x 280mm (PE100 SDR17)
12DTRMC4031 SHORT SPIGOT REDUCING TEE 400 x 315mm (PE100 SDR17)
12DTRMC4511 SHORT SPIGOT REDUCING TEE 450 x 110mm (PE100 SDR17)
12DTRMC4512 SHORT SPIGOT REDUCING TEE 450 x 125mm (PE100 SDR17)
12DTRMC4514 SHORT SPIGOT REDUCING TEE 450 x 140mm (PE100 SDR17)
12DTRMC4516 SHORT SPIGOT REDUCING TEE 450 x 160mm (PE100 SDR17)
12DTRMC4518 SHORT SPIGOT REDUCING TEE 450 x 180mm (PE100 SDR17)
12DTRMC4520 SHORT SPIGOT REDUCING TEE 450 x 200mm (PE100 SDR17)
12DTRMC4522 SHORT SPIGOT REDUCING TEE 450 x 225mm (PE100 SDR17)
12DTRMC4525 SHORT SPIGOT REDUCING TEE 450 x 250mm (PE100 SDR17)
12DTRMC4528 SHORT SPIGOT REDUCING TEE 450 x 280mm (PE100 SDR17)
12DTRMC4531 SHORT SPIGOT REDUCING TEE 450 x 315mm (PE100 SDR17)
12DTRMC4535 SHORT SPIGOT REDUCING TEE 450 x 355mm (PE100 SDR17)
12DTRMC5011 SHORT SPIGOT REDUCING TEE 500 x 110mm (PE100 SDR17)
12DTRMC5012 SHORT SPIGOT REDUCING TEE 500 x 125mm (PE100 SDR17)
12DTRMC5014 SHORT SPIGOT REDUCING TEE 500 x 140mm (PE100 SDR17)
12DTRMC5016 SHORT SPIGOT REDUCING TEE 500 x 160mm (PE100 SDR17)
12DTRMC5018 SHORT SPIGOT REDUCING TEE 500 x 180mm (PE100 SDR17)
12DTRMC5020 SHORT SPIGOT REDUCING TEE 500 x 200mm (PE100 SDR17)
12DTRMC5022 SHORT SPIGOT REDUCING TEE 500 x 225mm (PE100 SDR17)
12DTRMC5025 SHORT SPIGOT REDUCING TEE 500 x 250mm (PE100 SDR17)
12DTRMC5028 SHORT SPIGOT REDUCING TEE 500 x 280mm (PE100 SDR17)
12DTRMC5031 SHORT SPIGOT REDUCING TEE 500 x 315mm (PE100 SDR17)
12DTRMC5035 SHORT SPIGOT REDUCING TEE 500 x 355mm (PE100 SDR17)
12DTRMC5040 SHORT SPIGOT REDUCING TEE 500 x 400mm (PE100 SDR17)

12DTRMC5040 SHORT SPIGOT REDUCING TEE 500 x 400mm (PE100 SDR17)
12DTRMC5611 SHORT SPIGOT REDUCING TEE 560 x 110mm (PE100 SDR17)
12DTRMC5612 SHORT SPIGOT REDUCING TEE 560 x 125mm (PE100 SDR17)
12DTRMC5614 SHORT SPIGOT REDUCING TEE 560 x 140mm (PE100 SDR17)
12DTRMC5616 SHORT SPIGOT REDUCING TEE 560 x 160mm (PE100 SDR17)
12DTRMC5618 SHORT SPIGOT REDUCING TEE 560 x 180mm (PE100 SDR17)
12DTRMC5620 SHORT SPIGOT REDUCING TEE 560 x 200mm (PE100 SDR17)
12DTRMC5622 SHORT SPIGOT REDUCING TEE 560 x 225mm (PE100 SDR17)
12DTRMC5625 SHORT SPIGOT REDUCING TEE 560 x 250mm (PE100 SDR17)
12DTRMC5628 SHORT SPIGOT REDUCING TEE 560 x 280mm (PE100 SDR17)
12DTRMC5631 SHORT SPIGOT REDUCING TEE 560 x 315mm (PE100 SDR17)
12DTRMC5635 SHORT SPIGOT REDUCING TEE 560 x 355mm (PE100 SDR17)
12DTRMC5640 SHORT SPIGOT REDUCING TEE 560 x 400mm (PE100 SDR17)
12DTRMC5645 SHORT SPIGOT REDUCING TEE 560 x 450mm (PE100 SDR17)
12DTRMC6311 SHORT SPIGOT REDUCING TEE 630 x 110mm (PE100 SDR17)
12DTRMC6312 SHORT SPIGOT REDUCING TEE 630 x 125mm (PE100 SDR17)
12DTRMC6314 SHORT SPIGOT REDUCING TEE 630 x 140mm (PE100 SDR17)
12DTRMC6316 SHORT SPIGOT REDUCING TEE 630 x 160mm (PE100 SDR17)
12DTRMC6318 SHORT SPIGOT REDUCING TEE 630 x 180mm (PE100 SDR17)
12DTRMC6320 SHORT SPIGOT REDUCING TEE 630 x 200mm (PE100 SDR17)
12DTRMC6322 SHORT SPIGOT REDUCING TEE 630 x 225mm (PE100 SDR17)
12DTRMC6325 SHORT SPIGOT REDUCING TEE 630 x 250mm (PE100 SDR17)
12DTRMC6328 SHORT SPIGOT REDUCING TEE 630 x 280mm (PE100 SDR17)
12DTRMC6331 SHORT SPIGOT REDUCING TEE 630 x 315mm (PE100 SDR17)
12DTRMC7111 SHORT SPIGOT REDUCING TEE 710 x 110mm (PE100 SDR17)
12DTRMC7112 SHORT SPIGOT REDUCING TEE 710 x 125mm (PE100 SDR17)
12DTRMC7114 SHORT SPIGOT REDUCING TEE 710 x 140mm (PE100 SDR17)



12DTRMC7116 SHORT SPIGOT REDUCING TEE 710 x 160mm (PE100 SDR17)
12DTRS1150 LONG SPIGOT 90° REDUCING TEE MOLDED 110 x 50 mm (PE100 SDR17)
12DTRS1163 LONG SPIGOT 90° REDUCING TEE MOLDED 110 x 63 mm (PE100 SDR17)
12DTRS1175 LONG SPIGOT 90° REDUCING TEE MOLDED 110 x 75 mm (PE100 SDR17)
12DTRS1190 LONG SPIGOT 90° REDUCING TEE MOLDED 110 x 90 mm (PE100 SDR17)
12DTRS1211 LONG SPIGOT 90° REDUCING TEE MOLDED 125 x 110 mm (PE100 SDR17)
12DTRS1263 LONG SPIGOT 90° REDUCING TEE MOLDED 125 x 63 mm (PE100 SDR17)
12DTRS1275 LONG SPIGOT 90° REDUCING TEE MOLDED 125 x 75 mm (PE100 SDR17)
12DTRS1290 LONG SPIGOT 90° REDUCING TEE MOLDED 125 x 90 mm (PE100 SDR17)
12DTRS1411 LONG SPIGOT 90° REDUCING TEE MOLDED 140 x 110 mm (PE100 SDR17)
12DTRS1463 LONG SPIGOT 90° REDUCING TEE MOLDED 140 x 63 mm (PE100 SDR17)
12DTRS1475 LONG SPIGOT 90° REDUCING TEE MOLDED 140 x 75 mm (PE100 SDR17)
12DTRS1490 LONG SPIGOT 90° REDUCING TEE MOLDED 140 x 90 mm (PE100 SDR17)
12DTRS1611 LONG SPIGOT 90° REDUCING TEE MOLDED 160 x 110 mm (PE100 SDR17)
12DTRS1612 LONG SPIGOT 90° REDUCING TEE MOLDED 160 x 125 mm (PE100 SDR17)
12DTRS1663 LONG SPIGOT 90° REDUCING TEE MOLDED 160 x 63 mm (PE100 SDR17)
12DTRS1675 LONG SPIGOT 90° REDUCING TEE MOLDED 160 x 75 mm (PE100 SDR17)
12DTRS1690 LONG SPIGOT 90° REDUCING TEE MOLDED 160 x 90 mm (PE100 SDR17)
12DTRS1811 LONG SPIGOT 90° REDUCING TEE MOLDED 180 x 110 mm (PE100 SDR17)
12DTRS1812 LONG SPIGOT 90° REDUCING TEE MOLDED 180 x 125 mm (PE100 SDR17)
12DTRS1814 LONG SPIGOT 90° REDUCING TEE MOLDED 180 x 140 mm (PE100 SDR17)

12DTRS1816 LONG SPIGOT 90° REDUCING TEE MOLDED 180 x 160 mm (PE100 SDR17)
12DTRS1875 LONG SPIGOT 90° REDUCING TEE MOLDED 180 x 75 mm (PE100 SDR17)
12DTRS1890 LONG SPIGOT 90° REDUCING TEE MOLDED 180 x 90 mm (PE100 SDR17)
12DTRS2011 LONG SPIGOT 90° REDUCING TEE MOLDED 200 x 110 mm (PE100 SDR17)
12DTRS2012 LONG SPIGOT 90° REDUCING TEE MOLDED 200 x 120 mm (PE100 SDR17)
12DTRS2016 LONG SPIGOT 90° REDUCING TEE MOLDED 200 x 160 mm (PE100 SDR17)
12DTRS2063 LONG SPIGOT 90° REDUCING TEE MOLDED 200 x 63 mm (PE100 SDR17)
12DTRS2075 LONG SPIGOT 90° REDUCING TEE MOLDED 200 x 75 mm (PE100 SDR17)
12DTRS2090 LONG SPIGOT 90° REDUCING TEE MOLDED 200 x 90 mm (PE100 SDR17)
12DTRS2211 LONG SPIGOT 90° REDUCING TEE MOLDED 225 x 110 mm (PE100 SDR17)
12DTRS2212 LONG SPIGOT 90° REDUCING TEE MOLDED 225 x 125 mm (PE100 SDR17)
12DTRS2216 LONG SPIGOT 90° REDUCING TEE MOLDED 225 x 160 mm (PE100 SDR17)
12DTRS2218 LONG SPIGOT 90° REDUCING TEE MOLDED 225 x 180 mm (PE100 SDR17)
12DTRS2263 LONG SPIGOT 90° REDUCING TEE MOLDED 225 x 63 mm (PE100 SDR17)
12DTRS2290 LONG SPIGOT 90° REDUCING TEE MOLDED 225 x 90 mm (PE100 SDR17)
12DTRS2511 LONG SPIGOT 90° REDUCING TEE MOLDED 250 x 110 mm (PE100 SDR17)
12DTRS2512 LONG SPIGOT 90° REDUCING TEE MOLDED 250 x 120 mm (PE100 SDR17)
12DTRS2516 LONG SPIGOT 90° REDUCING TEE MOLDED 250 x 160 mm (PE100 SDR17)
12DTRS2520 LONG SPIGOT 90° REDUCING TEE MOLDED 250 x 200 mm (PE100 SDR17)
12DTRS2590 LONG SPIGOT 90° REDUCING TEE MOLDED 250 x 90 mm (PE100 SDR17)
12DTRS2811 LONG SPIGOT 90° REDUCING TEE MOLDED 280 x 110 mm (PE100 SDR17)
12DTRS2822 LONG SPIGOT 90° REDUCING TEE MOLDED 280 x 225 mm (PE100 SDR17)
12DTRS3111 LONG SPIGOT 90° REDUCING TEE MOLDED 315 x 110 mm (PE100 SDR17)
12DTRS3116 LONG SPIGOT 90° REDUCING TEE MOLDED 315 x 160 mm (PE100 SDR17)
12DTRS3120 LONG SPIGOT 90° REDUCING TEE MOLDED 315 x 200 mm (PE100 SDR17)
12DTRS3122 LONG SPIGOT 90° REDUCING TEE MOLDED 315 x 225 mm (PE100 SDR17)
12DTRS9050 LONG SPIGOT 90° REDUCING TEE MOLDED 90 x 50 mm (PE100 SDR17)
12DTRS9063 LONG SPIGOT 90° REDUCING TEE MOLDED 90 x 63 mm (PE100 SDR17)
12DTRS9075 LONG SPIGOT 90° REDUCING TEE MOLDED 90 x 75 mm (PE100 SDR17)

12EC032 45° ELBOW LONG SPIGOT 32 mm (PE100 SDR11)
12EC040 45° ELBOW LONG SPIGOT 40 mm (PE100 SDR11)
12EC050 45° ELBOW LONG SPIGOT 50 mm (PE100 SDR11)
12EC063 45° ELBOW LONG SPIGOT 63 mm (PE100 SDR11)
12EC075 45° ELBOW LONG SPIGOT 75 mm (PE100 SDR11)
12EC090 45° ELBOW LONG SPIGOT 90 mm (PE100 SDR11)
12EC110 45° ELBOW LONG SPIGOT 110 mm (PE100 SDR11)
12EC125 45° ELBOW LONG SPIGOT 125 mm (PE100 SDR11)
12EC140 45° ELBOW LONG SPIGOT 140 mm (PE100 SDR11)
12EC160 45° ELBOW LONG SPIGOT 160 mm (PE100 SDR11)
12EC180 45° ELBOW LONG SPIGOT 180 mm (PE100 SDR11)
12EC200 45° ELBOW LONG SPIGOT 200 mm (PE100 SDR11)
12EC225 45° ELBOW LONG SPIGOT 225 mm (PE100 SDR11)
12EC250 45° ELBOW LONG SPIGOT 250 mm (PE100 SDR11)
12EC280 45° ELBOW LONG SPIGOT 280 mm (PE100 SDR11)
12EC315 45° ELBOW LONG SPIGOT 315 mm (PE100 SDR11)
12EC355 45° ELBOW LONG SPIGOT 355 mm (PE100 SDR11)
12EC400 45° ELBOW LONG SPIGOT 400 mm (PE100 SDR11)
12EC450 45° ELBOW LONG SPIGOT 450 mm (PE100 SDR11)
12EC500 45° ELBOW LONG SPIGOT 500mm (PE100 SDR11)

12ECAL020 LONG SPIGOT CAP 20 mm (PE100 SDR11)
12ECAL025 LONG SPIGOT CAP 25 mm (PE100 SDR11)
12ECAL032 LONG SPIGOT CAP 32 mm (PE100 SDR11)

12ECAL040 LONG SPIGOT CAP 40 mm (PE100 SDR11)
12ECAL050 LONG SPIGOT CAP 50 mm (PE100 SDR11)
12ECAL063 LONG SPIGOT CAP 63 mm (PE100 SDR11)
12ECAL075 LONG SPIGOT CAP 75 mm (PE100 SDR11)
12ECAL090 LONG SPIGOT CAP 90 mm (PE100 SDR11)
12ECAL110 LONG SPIGOT CAP 110 mm (PE100 SDR11)
12ECAL125 LONG SPIGOT CAP 125 mm (PE100 SDR11)
12ECAL140 LONG SPIGOT CAP 140 mm (PE100 SDR11)
12ECAL160 LONG SPIGOT CAP 160 mm (PE100 SDR11)
12ECAL180 LONG SPIGOT CAP 180 mm (PE100 SDR11)
12ECAL200 LONG SPIGOT CAP 200 mm (PE100 SDR11)
12ECAL225 LONG SPIGOT CAP 225 mm (PE100 SDR11)
12ECAL250 LONG SPIGOT CAP 250 mm (PE100 SDR11)
12ECAL280 LONG SPIGOT CAP 280 mm (PE100 SDR11)
12ECAL315 LONG SPIGOT CAP 315 mm (PE100 SDR11)
12ECAL355 LONG SPIGOT CAP 355 mm (PE100 SDR11)
12ECAL400 LONG SPIGOT CAP 400 mm (PE100 SDR11)
12ECAL450 LONG SPIGOT CAP 450 mm (PE100 SDR11)
12ECAL500 LONG SPIGOT CAP 500 mm (PE100 SDR11)
12ECAL560 LONG SPIGOT CAP 560 mm (PE100 SDR11)
12ECAL630 LONG SPIGOT CAP 630 mm (PE100 SDR11)
12ECALE020 ELECTROFUSION END CAP 20 mm (PE100)
12ECALE025 MONOLITHIC ELETROFUSION END CAP 25 mm (PE100)
12ECALE032 MONOLITHIC ELETROFUSION END CAP 32 mm (PE100)
12ECALE040 MONOLITHIC ELETROFUSION END CAP 40 mm (PE100)
12ECALE050 MONOLITHIC ELETROFUSION END CAP 50 mm (PE100)
12ECALE063 MONOLITHIC ELETROFUSION END CAP 63 mm (PE100)
12ECALE075 ELETROFUSION END CAP 75 mm (PE100)
12ECALE090 ELETROFUSION END CAP 90 mm (PE100)
12ECALE110 ELETROFUSION END CAP 110 mm (PE100)
12ECALE125 ELETROFUSION END CAP 125 mm (PE100)
12ECALE140 ELETROFUSION END CAP 140 mm (PE100)
12ECALE160 ELETROFUSION END CAP 160 mm (PE100)
12ECALE180 ELETROFUSION END CAP 180 mm (PE100)
12ECALE200 ELETROFUSION END CAP 200 mm (PE100)
12ECALE225 ELETROFUSION END CAP 225 mm (PE100)
12ECALE250 ELETROFUSION END CAP 250 mm (PE100)
12ECALE280 ELETROFUSION END CAP 280 mm (PE100)
12ECALE315 ELETROFUSION END CAP 315 mm (PE100)

12ECE225 TWO-WIRE ELECTROFUSION 45° ELBOW 45° 225 mm (PE100)
12ECE250 TWO-WIRE ELECTROFUSION 45° ELBOW 250 mm (PE100)
12ECE315 TWO-WIRE ELECTROFUSION 45° ELBOW 315 mm (PE100)
12ECEM032 SINGLE-WIRE ELECTROFUSION 45° ELBOW 32 mm (PE100)
12ECEM040 SINGLE-WIRE ELECTROFUSION 45° ELBOW 40 mm (PE100)
12ECEM050 SINGLE-WIRE ELECTROFUSION 45° ELBOW 50 mm (PE100)
12ECEM063 SINGLE-WIRE ELECTROFUSION 45° ELBOW 63 mm (PE100)
12ECEM075 SINGLE-WIRE ELECTROFUSION 45° ELBOW 75 mm (PE100)
12ECEM090 SINGLE-WIRE ELECTROFUSION 45° ELBOW 90 mm (PE100)
12ECEM110 SINGLE-WIRE ELECTROFUSION 45° ELBOW 110 mm (PE100)
12ECEM125 SINGLE-WIRE ELECTROFUSION 45° ELBOW 125 mm (PE100)
12ECEM160 SINGLE-WIRE ELECTROFUSION 45° ELBOW 160 mm (PE100)
12ECEM180 SINGLE-WIRE ELECTROFUSION 45° ELBOW 180 mm (PE100)
12ECEM200 SINGLE-WIRE ELECTROFUSION 45° ELBOW 200 mm (PE100)
12ECEM30090 SINGLE-WIRE ELECTROFUSION 30° ELBOW 90 mm (PE100)
12ECEM30110 SINGLE-WIRE ELECTROFUSION 30° ELBOW 110 mm (PE100)
12ECEM30125 SINGLE-WIRE ELECTROFUSION 30° ELBOW 125 mm (PE100)
12ECEM30160 SINGLE-WIRE ELECTROFUSION 30° ELBOW 165 mm (PE100)
12ECRT025 LONG SPIGOT STUB END 25 mm (PE100 SDR11)
12ECRT032 LONG SPIGOT STUB END 32 mm (PE100 SDR11)
12ECRT040 LONG SPIGOT STUB END 40 mm (PE100 SDR11)
12ECRT050 LONG SPIGOT STUB END 50 mm (PE100 SDR11)
12ECRT063 LONG SPIGOT STUB END 63 mm (PE100 SDR11)
12ECRT075 LONG SPIGOT STUB END 75 mm (PE100 SDR11)
12ECRT090 LONG SPIGOT STUB END 90 mm (PE100 SDR11)
12ECRT110 LONG SPIGOT STUB END 110 mm (PE100 SDR11)
12ECRT125 LONG SPIGOT STUB END 125 mm (PE100 SDR11)
12ECRT140 LONG SPIGOT STUB END 140 mm (PE100 SDR11)
12ECRT160 LONG SPIGOT STUB END 160 mm (PE100 SDR11)
12ECRT180 LONG SPIGOT STUB END 180 mm (PE100 SDR11)
12ECRT200 LONG SPIGOT STUB END 200 mm (PE100 SDR11)
12ECRT225 LONG SPIGOT STUB END 225 mm (PE100 SDR11)
12ECRT250 LONG SPIGOT STUB END 250 mm (PE100 SDR11)
12ECRT280 LONG SPIGOT STUB END 280 mm (PE100 SDR11)
12ECRT315 LONG SPIGOT STUB END 315 mm (PE100 SDR11)



12ECRT355 LONG SPIGOT STUB END 355 mm (PE100 SDR11)
12ECRT400 LONG SPIGOT STUB END 400 mm (PE100 SDR11)
12ECRT450 LONG SPIGOT STUB END 450 mm (PE100 SDR11)
12ECRT500 LONG SPIGOT STUB END 500 mm (PE100 SDR11)
12ECRT560 LONG SPIGOT STUB END 560 mm (PE100 SDR11)
12ECRT630 LONG SPIGOT STUB END 630 mm (PE100 SDR11)
12ECRTC110 SHORT SPIGOT STUB END 110 mm (PE100 SDR11)
12ECRTC125 SHORT SPIGOT STUB END 125 mm (PE100 SDR11)
12ECRTC140 SHORT SPIGOT STUB END 140 mm (PE100 SDR11)
12ECRTC160 SHORT SPIGOT STUB END 160 mm (PE100 SDR11)
12ECRTC180 SHORT SPIGOT STUB END 180 mm (PE100 SDR11)
12ECRTC200 SHORT SPIGOT STUB END 200 mm (PE100 SDR11)
12ECRTC225 SHORT SPIGOT STUB END 225 mm (PE100 SDR11)
12ECRTC250 SHORT SPIGOT STUB END 250 mm (PE100 SDR11)
12ECRTC280 SHORT SPIGOT STUB END 280 mm (PE100 SDR11)
12ECRTC315 SHORT SPIGOT STUB END 315 mm (PE100 SDR11)
12ECRTC355 SHORT SPIGOT STUB END 355 mm (PE100 SDR11)
12ECRTC400 SHORT SPIGOT STUB END 400 mm (PE100 SDR11)
12ECRTC450 SHORT SPIGOT STUB END 450 mm (PE100 SDR11)
12ECRTC500 SHORT SPIGOT STUB END 500 mm (PE100 SDR11)
12ECRTC560 SHORT SPIGOT STUB END 560 mm (PE100 SDR11)
12ECRTC630 SHORT SPIGOT STUB END 630 mm (PE100 SDR11)
12ECRTC710 SHORT SPIGOT STUB END 710 mm (PE100 SDR11)
12ECRTC800 SHORT SPIGOT STUB END 800 mm (PE100 SDR11)

12EG025 LONG SPIGOT 90° ELBOW 25 mm (PE100 SDR11)
12EG032 LONG SPIGOT 90° ELBOW 32 mm (PE100 SDR11)
12EG040 LONG SPIGOT 90° ELBOW 40 mm (PE100 SDR11)
12EG050 LONG SPIGOT 90° ELBOW 50 mm (PE100 SDR11)
12EG063 LONG SPIGOT 90° ELBOW 63 mm (PE100 SDR11)
12EG075 LONG SPIGOT 90° ELBOW 75 mm (PE100 SDR11)
12EG090 LONG SPIGOT 90° ELBOW 90 mm (PE100 SDR11)
12EG110 LONG SPIGOT 90° ELBOW 110 mm (PE100 SDR11)
12EG125 LONG SPIGOT 90° ELBOW 125 mm (PE100 SDR11)
12EG140 LONG SPIGOT 90° ELBOW 140 mm (PE100 SDR11)
12EG160 LONG SPIGOT 90° ELBOW 160 mm (PE100 SDR11)
12EG180 LONG SPIGOT 90° ELBOW 180 mm (PE100 SDR11)
12EG200 LONG SPIGOT 90° ELBOW 200 mm (PE100 SDR11)
12EG225 LONG SPIGOT 90° ELBOW 225 mm (PE100 SDR11)
12EG250 LONG SPIGOT 90° ELBOW 250 mm (PE100 SDR11)
12EG280 LONG SPIGOT 90° ELBOW 280 mm (PE100 SDR11)
12EG315 LONG SPIGOT 90° ELBOW 315 mm (PE100 SDR11)
12EG355 LONG SPIGOT 90° ELBOW 355 mm (PE100 SDR11)
12EG400 LONG SPIGOT 90° ELBOW 400 mm (PE100 SDR11)
12EG450 LONG SPIGOT 90° ELBOW 450 mm (PE100 SDR11)
12EG500 LONG SPIGOT 90° ELBOW 500 mm (PE100 SDR11)
12EGC355 SHORT SPIGOT 90° ELBOW 355 mm (PE100 SDR11)
12EGC400 SHORT SPIGOT 90° ELBOW 400 mm (PE100 SDR11)
12EGC450 SHORT SPIGOT 90° ELBOW 450 mm (PE100 SDR11)
12EGC500 SHORT SPIGOT 90° ELBOW 500 mm (PE100 SDR11)
12EGE225 TWO-WIRE ELECTROFUSION 90° ELBOW 225 mm (PE100)
12EGE250 TWO-WIRE ELECTROFUSION 90° ELBOW 250 mm (PE100)
12EGE315 TWO-WIRE ELECTROFUSION 90° ELBOW 315 mm (PE100)
12EGEM020 SINGLE-WIRE ELECTROFUSION 90° ELBOW 20 mm (PE100)
12EGEM025 SINGLE-WIRE ELECTROFUSION 90° ELBOW 25 mm (PE100)
12EGEM032 SINGLE-WIRE ELECTROFUSION 90° ELBOW 32 mm (PE100)
12EGEM040 SINGLE-WIRE ELECTROFUSION 90° ELBOW 40 mm (PE100)
12EGEM050 SINGLE-WIRE ELECTROFUSION 90° ELBOW 50 mm (PE100)
12EGEM063 SINGLE-WIRE ELECTROFUSION 90° ELBOW 63 mm (PE100)
12EGEM075 SINGLE-WIRE ELECTROFUSION 90° ELBOW 75 mm (PE100)
12EGEM090 SINGLE-WIRE ELECTROFUSION 90° ELBOW 90 mm (PE100)
12EGEM110 SINGLE-WIRE ELECTROFUSION 90° ELBOW 110 mm (PE100)
12EGEM125 SINGLE-WIRE ELECTROFUSION 90° ELBOW 125 mm (PE100)
12EGEM160 SINGLE-WIRE ELECTROFUSION 90° ELBOW 160 mm (PE100)
12EGEM180 SINGLE-WIRE ELECTROFUSION 90° ELBOW 180 mm (PE100)
12EGEM200 SINGLE-WIRE ELECTROFUSION 90° ELBOW 200 mm (PE100)
12EME020 ELECTROFUSION COUPLER 20 mm (PE100)
12EME025 ELECTROFUSION COUPLER 25 mm (PE100)
12EME032 ELECTROFUSION COUPLER 32 mm (PE100)
12EME040 ELECTROFUSION COUPLER 40 mm (PE100)
12EME050 ELECTROFUSION COUPLER 50 mm (PE100)
12EME063 ELECTROFUSION COUPLER 63 mm (PE100)
12EME075 ELECTROFUSION COUPLER 75 mm (PE100)
12EME090 ELECTROFUSION COUPLER 90 mm (PE100)
12EME1000 ELECTROFUSION COUPLER 1000 mm (PE100)



12EME110 ELECTROFUSION COUPLER 110 mm (PE100)
 12EME125 ELECTROFUSION COUPLER 125 mm (PE100)
 12EME140 ELECTROFUSION COUPLER 140 mm (PE100)
 12EME160 ELECTROFUSION COUPLER 160 mm (PE100)
 12EME180 ELECTROFUSION COUPLER 180 mm (PE100)
 12EME200 ELECTROFUSION COUPLER 200 mm (PE100)
 12EME225 ELECTROFUSION COUPLER 225 mm (PE100)
 12EME250 ELECTROFUSION COUPLER 250 mm (PE100)
 12EME280 ELECTROFUSION COUPLER 280 mm (PE100)
 12EME315 ELECTROFUSION COUPLER 315 mm (PE100)
 12EME355 ELECTROFUSION COUPLER 355 mm (PE100)
 12EME400 ELECTROFUSION COUPLER 400 mm (PE100)
 12EME450 ELECTROFUSION COUPLER 450 mm (PE100)
 12EME500 ELECTROFUSION COUPLER 500 mm (PE100)
 12EME560 ELECTROFUSION COUPLER 560 mm (PE100)
 12EME630 ELECTROFUSION COUPLER 630 mm (PE100)
 12EME710 ELECTROFUSION COUPLER 710 mm (PE100)
 12EME800 ELECTROFUSION COUPLER 800 mm (PE100)
 12EME900 ELECTROFUSION COUPLER 900 mm (PE100)
 12EMEL032 LONG ELECTROFUSION COUPLER 32 mm (PE100)
 12EMEL040 LONG ELECTROFUSION COUPLER 40 mm (PE100)
 12EMEL050 LONG ELECTROFUSION COUPLER 50 mm (PE100)
 12EMEL063 LONG ELECTROFUSION COUPLER 63 mm (PE100)
 12EMEL075 LONG ELECTROFUSION COUPLER 75mm (PE100)
 12ERD1150 LONG SPIGOT REDUCER 110 x 50 mm (PE100 SDR11)
 12ERD1163 LONG SPIGOT REDUCER 110 x 63 mm (PE100 SDR11)
 12ERD1175 LONG SPIGOT REDUCER 110 x 75 mm (PE100 SDR11)
 12ERD1190 LONG SPIGOT REDUCER 110 x 90 mm (PE100 SDR11)
 12ERD1211 LONG SPIGOT REDUCER 125 x 110 mm (PE100 SDR11)
 12ERD1263 LONG SPIGOT REDUCER 125 x 63 mm (PE100 SDR11)
 12ERD1275 LONG SPIGOT REDUCER 125 x 75 mm (PE100 SDR11)
 12ERD1290 LONG SPIGOT REDUCER 125 x 90 mm (PE100 SDR11)
 12ERD1411 LONG SPIGOT REDUCER 140 x 110 mm (PE100 SDR11)
 12ERD1412 LONG SPIGOT REDUCER 140 x 125 mm (PE100 SDR11)
 12ERD1490 LONG SPIGOT REDUCER 140 x 90 mm (PE100 SDR11)
 12ERD1611 LONG SPIGOT REDUCER 160 x 110 mm (PE100 SDR11)
 12ERD1612 LONG SPIGOT REDUCER 160 x 125 mm (PE100 SDR11)
 12ERD1614 LONG SPIGOT REDUCER 160 x 140 mm (PE100 SDR11)
 12ERD1690 LONG SPIGOT REDUCER 160 x 90 mm (PE100 SDR11)
 12ERD1812 LONG SPIGOT REDUCER 180 x 125 mm (PE100 SDR11)

 12ERD1814 LONG SPIGOT REDUCER 180 x 140 mm (PE100 SDR11)
 12ERD1816 LONG SPIGOT REDUCER 180 x 160 mm (PE100 SDR11)
 12ERD2014 LONG SPIGOT REDUCER 200 x 140 mm (PE100 SDR11)
 12ERD2016 LONG SPIGOT REDUCER 200 x 160 mm (PE100 SDR11)
 12ERD2018 LONG SPIGOT REDUCER 200 x 180 mm (PE100 SDR11)
 12ERD2216 LONG SPIGOT REDUCER 225 x 160 mm (PE100 SDR11)
 12ERD2218 LONG SPIGOT REDUCER 225 x 180 mm (PE100 SDR11)
 12ERD2220 LONG SPIGOT REDUCER 225 x 200 mm (PE100 SDR11)
 12ERD2518 LONG SPIGOT REDUCER 250 x 180 mm (PE100 SDR11)
 12ERD2520 LONG SPIGOT REDUCER 250 x 200 mm (PE100 SDR11)
 12ERD2522 LONG SPIGOT REDUCER 250 x 225 mm (PE100 SDR11)
 12ERD2820 LONG SPIGOT REDUCER 280 x 200 mm (PE100 SDR11)
 12ERD2822 LONG SPIGOT REDUCER 280 x 225 mm (PE100 SDR11)
 12ERD2825 LONG SPIGOT REDUCER 280 x 250 mm (PE100 SDR11)
 12ERD3122 LONG SPIGOT REDUCER 315 x 225 mm (PE100 SDR11)
 12ERD3125 LONG SPIGOT REDUCER 315 x 250 mm (PE100 SDR11)
 12ERD3128 LONG SPIGOT REDUCER 315 x 280 mm (PE100 SDR11)
 12ERD3225 LONG SPIGOT REDUCER 32 x 25 mm (PE100 SDR11)
 12ERD3525 LONG SPIGOT REDUCER 355 x 250 mm (PE100 SDR11)
 12ERD3528 LONG SPIGOT REDUCER 355 x 280 mm (PE100 SDR11)
 12ERD3531 LONG SPIGOT REDUCER 355 x 315 mm (PE100 SDR11)
 12ERD4025 LONG SPIGOT REDUCER 40 x 25 mm (PE100 SDR11)
 12ERD4028 LONG SPIGOT REDUCER 400 x 280 mm (PE100 SDR11)
 12ERD4031 LONG SPIGOT REDUCER 400 x 315 mm (PE100 SDR11)
 12ERD4032 LONG SPIGOT REDUCER 40 x 32 mm (PE100 SDR11)
 12ERD4035 LONG SPIGOT REDUCER 400 x 355 mm (PE100 SDR11)
 12ERD5025 LONG SPIGOT REDUCER 50 x 25 mm (PE100 SDR11)
 12ERD5032 LONG SPIGOT REDUCER 50 x 32 mm (PE100 SDR11)
 12ERD5040 LONG SPIGOT REDUCER 50 x 40 mm (PE100 SDR11)
 12ERD6325 LONG SPIGOT REDUCER 63 x 25 mm (PE100 SDR11)
 12ERD6332 LONG SPIGOT REDUCER 63 x 32 mm (PE100 SDR11)
 12ERD6340 LONG SPIGOT REDUCER 63 x 40 mm (PE100 SDR11)
 12ERD6350 LONG SPIGOT REDUCER 63 x 50 mm (PE100 SDR11)
 12ERD7540 LONG SPIGOT REDUCER 75 x 40 mm (PE100 SDR11)



12ERD7550 LONG SPIGOT REDUCER 75 x 50 mm (PE100 SDR11)
12ERD7563 LONG SPIGOT REDUCER 75 x 63 mm (PE100 SDR11)
12ERD9050 LONG SPIGOT REDUCER 90 x 50 mm (PE100 SDR11)
12ERD9063 LONG SPIGOT REDUCER 90 x 63 mm (PE100 SDR11)
12ERD9075 LONG SPIGOT REDUCER 90 x 75 mm (PE100 SDR11)
12ERDC2016 SHORT SPIGOT REDUCER 200 x 160 mm (PE100 SDR11)
12ERDC2018 SHORT SPIGOT REDUCER 200 x 180 mm (PE100 SDR11)
12ERDC2216 SHORT SPIGOT REDUCER 225 x 160 mm (PE100 SDR11)
12ERDC2218 SHORT SPIGOT REDUCER 225 x 180 mm (PE100 SDR11)
12ERDC2220 SHORT SPIGOT REDUCER 225 x 200 mm (PE100 SDR11)
12ERDC2518 SHORT SPIGOT REDUCER 250 x 180 mm (PE100 SDR11)
12ERDC2520 SHORT SPIGOT REDUCER 250 x 200 mm (PE100 SDR11)
12ERDC2522 SHORT SPIGOT REDUCER 250 x 225 mm (PE100 SDR11)
12ERDC2820 SHORT SPIGOT REDUCER 280 x 200 mm (PE100 SDR11)
12ERDC2822 SHORT SPIGOT REDUCER 280 x 225 mm (PE100 SDR11)
12ERDC2825 SHORT SPIGOT REDUCER 280 x 250 mm (PE100 SDR11)
12ERDC3120 SHORT SPIGOT REDUCER 315 x 200 mm (PE100 SDR11)
12ERDC3122 SHORT SPIGOT REDUCER 315 x 225 mm (PE100 SDR11)
12ERDC3125 SHORT SPIGOT REDUCER 315 x 250 mm (PE100 SDR11)
12ERDC3128 SHORT SPIGOT REDUCER 315 x 280 mm (PE100 SDR11)
12ERDC3525 SHORT SPIGOT REDUCER 355 x 250 mm (PE100 SDR11)
12ERDC3528 SHORT SPIGOT REDUCER 355 x 280 mm (PE100 SDR11)
12ERDC3531 SHORT SPIGOT REDUCER 355 x 315 mm (PE100 SDR11)
12ERDC4028 SHORT SPIGOT REDUCER 400 x 280 mm (PE100 SDR11)
12ERDC4031 SHORT SPIGOT REDUCER 400 x 315 mm (PE100 SDR11)
12ERDC4035 SHORT SPIGOT REDUCER 400 x 355 mm (PE100 SDR11)
12ERDC4531 SHORT SPIGOT REDUCER 450 x 315 mm (PE100 SDR11)
12ERDC4535 SHORT SPIGOT REDUCER 450 x 355 mm (PE100 SDR11)
12ERDC4540 SHORT SPIGOT REDUCER 450 x 400 mm (PE100 SDR11)

12ERDC5035 SHORT SPIGOT REDUCER 500 x 355 mm (PE100 SDR11)
12ERDC5040 SHORT SPIGOT REDUCER 500 x 400 mm (PE100 SDR11)
12ERDC5045 SHORT SPIGOT REDUCER 500 x 450 mm (PE100 SDR11)
12ERDC5640 SHORT SPIGOT REDUCER 560 x 400 mm (PE100 SDR11)
12ERDC5645 SHORT SPIGOT REDUCER 560 x 450 mm (PE100 SDR11)
12ERDC5650 SHORT SPIGOT REDUCER 560 x 500 mm (PE100 SDR11)
12ERDC6345 SHORT SPIGOT REDUCER 630 x 450 mm (PE100 SDR11)
12ERDC6350 SHORT SPIGOT REDUCER 630 x 500 mm (PE100 SDR11)
12ERDC6356 SHORT SPIGOT REDUCER 630 x 560 mm (PE100 SDR11)
12ERDE1163 ELECTROFUSION REDUCER 110 x 63 mm (PE100)
12ERDE1190 ELECTROFUSION REDUCER 110 x 90 mm (PE100)
12ERDE1211 ELECTROFUSION REDUCER 125 x 110 mm (PE100)
12ERDE1263 ELECTROFUSION REDUCER 125 x 63 mm (PE100)
12ERDE1290 ELECTROFUSION REDUCER 125 x 90 mm (PE100)
12ERDE1611 ELECTROFUSION REDUCER 160 x 110 mm (PE100)
12ERDE1612 ELECTROFUSION REDUCER 160 x 125 mm (PE100)
12ERDE1690 ELECTROFUSION REDUCER 160 x 90 mm (PE100)
12ERDE2016 ELECTROFUSION REDUCER 200 x 160 mm (PE100)
12ERDE2018 ELECTROFUSION REDUCER 200 x 180 mm (PE100)
12ERDE2216 ELECTROFUSION REDUCER 225 x 160 mm (PE100)
12ERDE2218 ELECTROFUSION REDUCER 225 x 180 mm (PE100)
12ERDE2220 ELECTROFUSION REDUCER 225 x 200 mm (PE100)
12ERDE250200 ELECTROFUSION REDUCER 250 x 200 mm (PE100)
12ERDE2518 ELECTROFUSION REDUCER 250 x 180 mm (PE100)
12ERDE2520 ELECTROFUSION REDUCER 25 x 20 mm (PE100)
12ERDE2522 ELECTROFUSION REDUCER 250 x 225 mm (PE100)
12ERDE3125 ELECTROFUSION REDUCER 315 x 250 mm (PE100)
12ERDE3128 ELECTROFUSION REDUCER 315 x 280 mm (PE100)
12ERDE3220 ELECTROFUSION REDUCER 32 x 20 mm (PE100)
12ERDE3225 ELECTROFUSION REDUCER 32 x 25 mm (PE100)
12ERDE4020 ELECTROFUSION REDUCER 40 x 20 mm (PE100)
12ERDE4032 ELECTROFUSION REDUCER 40 x 32 mm (PE100)
12ERDE5032 ELECTROFUSION REDUCER 50 x 32 mm (PE100)
12ERDE5040 ELECTROFUSION REDUCER 50 x 40 mm (PE100)
12ERDE6332 ELECTROFUSION REDUCER 63 x 32 mm (PE100)
12ERDE6340 ELECTROFUSION REDUCER 63 x 40 mm (PE100)
12ERDE6350 ELECTROFUSION REDUCER 63 x 50 mm (PE100)
12ERDE7563 ELECTROFUSION REDUCER 75 x 63mm (PE100)
12ERDE9050 ELECTROFUSION REDUCER 90 x 50 mm (PE100)
12ERDE9063 ELECTROFUSION REDUCER 90 x 63 mm (PE100)
12ERDE9075 ELECTROFUSION REDUCER 90 x 63 mm (PE100)
12ET025 LONG SPIGOT 90° TEE 25 mm (PE100 SDR11)
12ET032 LONG SPIGOT 90° TEE 32 mm (PE100 SDR11)
12ET040 LONG SPIGOT 90° TEE 40 mm (PE100 SDR11)
12ET050 LONG SPIGOT 90° TEE 50 mm (PE100 SDR11)



12ET063 LONG SPIGOT 90° TEE 63 mm (PE100 SDR11)
12ET075 LONG SPIGOT 90° TEE 75 mm (PE100 SDR11)
12ET090 LONG SPIGOT 90° TEE 90 mm (PE100 SDR11)
12ET110 LONG SPIGOT 90° TEE 110 mm (PE100 SDR11)
12ET125 LONG SPIGOT 90° TEE 125 mm (PE100 SDR11)
12ET140 LONG SPIGOT 90° TEE 140 mm (PE100 SDR11)
12ET160 LONG SPIGOT 90° TEE 160 mm (PE100 SDR11)
12ET180 LONG SPIGOT 90° TEE 180 mm (PE100 SDR11)
12ET200 LONG SPIGOT 90° TEE 200 mm (PE100 SDR11)
12ET225 LONG SPIGOT 90° TEE 225 mm (PE100 SDR11)
12ET250 LONG SPIGOT 90° TEE 250 mm (PE100 SDR11)
12ET280 LONG SPIGOT 90° TEE 280 mm (PE100 SDR11)

12ET315 LONG SPIGOT 90° TEE 315 mm (PE100 SDR11)
12ET355 LONG SPIGOT 90° TEE 355 mm (PE100 SDR11)
12ET400 LONG SPIGOT 90° TEE 400 mm (PE100 SDR11)

12ETCE020 ELECTROFUSION EQUAL TEE WITH SPIGOT END 20 mm (PE100)
12ETCE025 ELECTROFUSION EQUAL TEE WITH SPIGOT END 25 mm (PE100)
12ETCE032 ELECTROFUSION EQUAL TEE WITH SPIGOT END 32 mm (PE100)
12ETCE040 ELECTROFUSION EQUAL TEE WITH SPIGOT END 40 mm (PE100)
12ETCE050 ELECTROFUSION EQUAL TEE WITH SPIGOT END 50 mm (PE100)
12ETCE063 ELECTROFUSION EQUAL TEE WITH SPIGOT END 63 mm (PE100)
12ETCE075 ELECTROFUSION EQUAL TEE WITH SPIGOT END 75 mm (PE100)
12ETCE090 ELECTROFUSION EQUAL TEE WITH SPIGOT END 90 mm (PE100)
12ETCE110 ELECTROFUSION EQUAL TEE WITH SPIGOT END 110 mm (PE100)
12ETCE125 ELECTROFUSION EQUAL TEE WITH SPIGOT END 125 mm (PE100)
12ETCE160 ELECTROFUSION EQUAL TEE WITH SPIGOT END 160 mm (PE100)
12ETCE180 ELECTROFUSION EQUAL TEE WITH SPIGOT END 180 mm (PE100)
12ETCE200 ELECTROFUSION EQUAL TEE WITH SPIGOT END 200 mm (PE100)
12ETCE225 ELECTROFUSION EQUAL TEE WITH SPIGOT END 225 mm (PE100)
12ETCE250 ELECTROFUSION EQUAL TEE WITH SPIGOT END 250 mm (PE100)
12ETCE315 ELECTROFUSION EQUAL TEE WITH SPIGOT END 315 mm (PE100)
12ETER1163 ELECTROFUSION REDUCING TEE W x SPIGOT END 110 x 63 mm (PE100)
12ETER1190 ELECTROFUSION REDUCING TEE W x SPIGOT END 110 x 90 mm (PE100)
12ETER1211 ELECTROFUSION REDUCING TEE W x SPIGOT END 125 x 110 mm (PE100)
12ETER1263 ELECTROFUSION REDUCING TEE W x SPIGOT END 125 x 63 mm (PE100)
12ETER1290 ELECTROFUSION REDUCING TEE W x SPIGOT END 125 x 90 mm (PE100)
12ETER1611 ELECTROFUSION REDUCING TEE W x SPIGOT END 160 x 110 mm (PE100)
12ETER1612 ELECTROFUSION REDUCING TEE W x SPIGOT END 160 x 125 mm (PE100)
12ETER1663 ELECTROFUSION REDUCING TEE W x SPIGOT END 160 x 63 mm (PE100)
12ETER1690 ELECTROFUSION REDUCING TEE W x SPIGOT END 160 x 90 mm (PE100)
12ETER1811 ELECTROFUSION REDUCING TEE W x SPIGOT END 18 x 11 mm (PE100)
12ETER1812 ELECTROFUSION REDUCING TEE W x SPIGOT END 18 x 12 mm (PE100)
12ETER1816 ELECTROFUSION REDUCING TEE W x SPIGOT END 18 x 16 mm (PE100)
12ETER1890 ELECTROFUSION REDUCING TEE W x SPIGOT END 18 x 90 mm (PE100)
12ETER2011 ELECTROFUSION REDUCING TEE W x SPIGOT END 20 x 11 mm (PE100)
12ETER2012 ELECTROFUSION REDUCING TEE W x SPIGOT END 20 x 12 mm (PE100)
12ETER2016 ELECTROFUSION REDUCING TEE W x SPIGOT END 20 x 16 mm (PE100)
12ETER2063 ELECTROFUSION REDUCING TEE W x SPIGOT END 20 x 63 mm (PE100)
12ETER2090 ELECTROFUSION REDUCING TEE W x SPIGOT END 20 x 90 mm (PE100)
12ETER2211 ELECTROFUSION REDUCING TEE W x SPIGOT END 22 x 11 mm (PE100)
12ETER2212 ELECTROFUSION REDUCING TEE W x SPIGOT END 22 x 12 mm (PE100)
12ETER2216 ELECTROFUSION REDUCING TEE W x SPIGOT END 22 x 16 mm (PE100)
12ETER2218 ELECTROFUSION REDUCING TEE W x SPIGOT END 22 x 18 mm (PE100)
12ETER2263 ELECTROFUSION REDUCING TEE W x SPIGOT END 22 x 63 mm (PE100)
12ETER2290 ELECTROFUSION REDUCING TEE W x SPIGOT END 22 x 90 mm (PE100)
12ETER2511 ELECTROFUSION REDUCING TEE W x SPIGOT END 25 x 11 mm (PE100)
12ETER2512 ELECTROFUSION REDUCING TEE W x SPIGOT END 25 x 12 mm (PE100)
12ETER2516 ELECTROFUSION REDUCING TEE W x SPIGOT END 25 x 16 mm (PE100)
12ETER2518 ELECTROFUSION REDUCING TEE W x SPIGOT END 25 x 18 mm (PE100)
12ETER2520 ELECTROFUSION REDUCING TEE W x SPIGOT END 25 x 20 mm (PE100)
12ETER2590 ELECTROFUSION REDUCING TEE W x SPIGOT END 25 x 90 mm (PE100)
12ETER3220 ELECTROFUSION REDUCING TEE W x SPIGOT END 32 x 20 mm (PE100)

12ETM355 LONG SPIGOT 90° TEE 355 mm (PE100 SDR11)
12ETM400 LONG SPIGOT 90° TEE 400 mm (PE100 SDR11)
12ETM450 LONG SPIGOT 90° TEE 450 mm (PE100 SDR11)
12ETM500 LONG SPIGOT 90° TEE 500 mm (PE100 SDR11)
12ETMC355 SHORT SPIGOT 90° TEE 355 mm (PE100 SDR11)
12ETMC400 SHORT SPIGOT 90° TEE 400 mm (PE100 SDR11)
12ETMC450 SHORT SPIGOT 90° TEE 450 mm (PE100 SDR11)
12ETMC500 SHORT SPIGOT 90° TEE 500 mm (PE100 SDR11)



12ETRA3111 LONG SPIGOT 90° REDUCING TEE 315 x 110 mm (PE100 SDR11)
12ETRA3112 LONG SPIGOT 90° REDUCING TEE 315 x 125 mm (PE100 SDR11)
12ETRA3114 LONG SPIGOT 90° REDUCING TEE 315 x 140 mm (PE100 SDR11)
12ETRA3116 LONG SPIGOT 90° REDUCING TEE 315 x 160 mm (PE100 SDR11)
12ETRA3120 LONG SPIGOT 90° REDUCING TEE 315 x 200 mm (PE100 SDR11)
12ETRA3163 LONG SPIGOT 90° REDUCING TEE 315 x 63 mm (PE100 SDR11)
12ETRA3175 LONG SPIGOT 90° REDUCING TEE 315 x 75 mm (PE100 SDR11)
12ETRA3190 LONG SPIGOT 90° REDUCING TEE 315 x 90 mm (PE100 SDR11)
12ETRA3511 LONG SPIGOT 90° REDUCING TEE 355 x 110 mm (PE100 SDR11)
12ETRA3512 LONG SPIGOT 90° REDUCING TEE 355 x 125 mm (PE100 SDR11)
12ETRA3514 LONG SPIGOT 90° REDUCING TEE 355 x 140 mm (PE100 SDR11)
12ETRA3516 LONG SPIGOT 90° REDUCING TEE 355 x 160 mm (PE100 SDR11)
12ETRA3520 LONG SPIGOT 90° REDUCING TEE 355 x 200 mm (PE100 SDR11)
12ETRA3525 LONG SPIGOT 90° REDUCING TEE 355 x 250 mm (PE100 SDR11)
12ETRA3590 LONG SPIGOT 90° REDUCING TEE 355 x 90 mm (PE100 SDR11)
12ETRA4011 LONG SPIGOT 90° REDUCING TEE 400 x 110 mm (PE100 SDR11)
12ETRA4012 LONG SPIGOT 90° REDUCING TEE 400 x 125 mm (PE100 SDR11)
12ETRA4014 LONG SPIGOT 90° REDUCING TEE 400 x 140 mm (PE100 SDR11)
12ETRA4016 LONG SPIGOT 90° REDUCING TEE 400 x 160 mm (PE100 SDR11)
12ETRA4020 LONG SPIGOT 90° REDUCING TEE 400 x 200 mm (PE100 SDR11)
12ETRA4025 LONG SPIGOT 90° REDUCING TEE 400 x 250 mm (PE100 SDR11)
12ETRA4028 LONG SPIGOT 90° REDUCING TEE 400 x 280 mm (PE100 SDR11)
12ETRA4031 LONG SPIGOT 90° REDUCING TEE 400 x 315 mm (PE100 SDR11)
12ETRA4090 LONG SPIGOT 90° REDUCING TEE 400 x 90 mm (PE100 SDR11)
12ETRA4511 LONG SPIGOT 90° REDUCING TEE 450 x 110 mm (PE100 SDR11)
12ETRA4512 LONG SPIGOT 90° REDUCING TEE 450 x 125 mm (PE100 SDR11)
12ETRA4514 LONG SPIGOT 90° REDUCING TEE 450 x 140 mm (PE100 SDR11)
12ETRA4516 LONG SPIGOT 90° REDUCING TEE 450 x 160 mm (PE100 SDR11)
12ETRA4520 LONG SPIGOT 90° REDUCING TEE 450 x 200 mm (PE100 SDR11)
12ETRA4525 LONG SPIGOT 90° REDUCING TEE 450 x 250 mm (PE100 SDR11)
12ETRA4528 LONG SPIGOT 90° REDUCING TEE 450 x 280 mm (PE100 SDR11)
12ETRA4531 LONG SPIGOT 90° REDUCING TEE 450 x 315 mm (PE100 SDR11)
12ETRA4535 LONG SPIGOT 90° REDUCING TEE 450 x 355 mm (PE100 SDR11)
12ETRA4590 LONG SPIGOT 90° REDUCING TEE 450 x 90 mm (PE100 SDR11)
12ETRA5014 LONG SPIGOT 90° REDUCING TEE 500 x 140 mm (PE100 SDR11)
12ETRA5016 LONG SPIGOT 90° REDUCING TEE 500 x 160 mm (PE100 SDR11)
12ETRA5020 LONG SPIGOT 90° REDUCING TEE 500 x 200 mm (PE100 SDR11)
12ETRA5025 LONG SPIGOT 90° REDUCING TEE 500 x 250 mm (PE100 SDR11)
12ETRA5028 LONG SPIGOT 90° REDUCING TEE 500 x 280 mm (PE100 SDR11)
12ETRA5031 LONG SPIGOT 90° REDUCING TEE 500 x 315 mm (PE100 SDR11)
12ETRA5035 LONG SPIGOT 90° REDUCING TEE 500 x 355 mm (PE100 SDR11)
12ETRA5040 LONG SPIGOT 90° REDUCING TEE 500 x 400 mm (PE100 SDR11)
12ETRA5614 LONG SPIGOT 90° REDUCING TEE 560 x 140 mm (PE100 SDR11)
12ETRA5616 LONG SPIGOT 90° REDUCING TEE 560 x 160 mm (PE100 SDR11)
12ETRA5620 LONG SPIGOT 90° REDUCING TEE 560 x 200 mm (PE100 SDR11)
12ETRA5625 LONG SPIGOT 90° REDUCING TEE 560 x 250 mm (PE100 SDR11)
12ETRA5628 LONG SPIGOT 90° REDUCING TEE 560 x 280 mm (PE100 SDR11)
12ETRA5631 LONG SPIGOT 90° REDUCING TEE 560 x 315 mm (PE100 SDR11)
12ETRA5635 LONG SPIGOT 90° REDUCING TEE 560 x 355 mm (PE100 SDR11)
12ETRA5640 LONG SPIGOT 90° REDUCING TEE 560 x 400 mm (PE100 SDR11)
12ETRA5645 LONG SPIGOT 90° REDUCING TEE 560 x 450 mm (PE100 SDR11)

12ETRA5645 LONG SPIGOT 90° REDUCING TEE 560 x 450 mm (PE100 SDR11)
12ETRA6314 LONG SPIGOT 90° REDUCING TEE 630 x 140 mm (PE100 SDR11)
12ETRA6316 LONG SPIGOT 90° REDUCING TEE 630 x 160 mm (PE100 SDR11)
12ETRA6320 LONG SPIGOT 90° REDUCING TEE 630 x 200 mm (PE100 SDR11)
12ETRA6325 LONG SPIGOT 90° REDUCING TEE 630 x 250 mm (PE100 SDR11)
12ETRA6328 LONG SPIGOT 90° REDUCING TEE 630 x 280 mm (PE100 SDR11)
12ETRA6331 LONG SPIGOT 90° REDUCING TEE 630 x 315 mm (PE100 SDR11)
12ETRA6335 LONG SPIGOT 90° REDUCING TEE 630 x 355 mm (PE100 SDR11)
12ETRA6340 LONG SPIGOT 90° REDUCING TEE 630 x 400 mm (PE100 SDR11)
12ETRA6345 LONG SPIGOT 90° REDUCING TEE 630 x 450 mm (PE100 SDR11)
12ETRA6350 LONG SPIGOT 90° REDUCING TEE 630 x 500 mm (PE100 SDR11)
12ETRMC2811 SHORT SPIGOT REDUCING TEE 280 x 110 mm (PE100 SDR11)
12ETRMC2812 SHORT SPIGOT REDUCING TEE 280 x 125 mm (PE100 SDR11)
12ETRMC2814 SHORT SPIGOT REDUCING TEE 280 x 140 mm (PE100 SDR11)
12ETRMC2816 SHORT SPIGOT REDUCING TEE 280 x 160 mm (PE100 SDR11)
12ETRMC2818 SHORT SPIGOT REDUCING TEE 280 x 180 mm (PE100 SDR11)
12ETRMC2820 SHORT SPIGOT REDUCING TEE 280 x 200 mm (PE100 SDR11)
12ETRMC2822 SHORT SPIGOT REDUCING TEE 280 x 225 mm (PE100 SDR11)
12ETRMC2863 SHORT SPIGOT REDUCING TEE 280 x 63 mm (PE100 SDR11)
12ETRMC2875 SHORT SPIGOT REDUCING TEE 280 x 75 mm (PE100 SDR11)
12ETRMC2890 SHORT SPIGOT REDUCING TEE 280 x 90 mm (PE100 SDR11)
12ETRMC3111 SHORT SPIGOT REDUCING TEE 315 x 110 mm (PE100 SDR11)



12ETRMC3112 SHORT SPIGOT REDUCING TEE 315 x 125 mm (PE100 SDR11)
12ETRMC3114 SHORT SPIGOT REDUCING TEE 315 x 140 mm (PE100 SDR11)
12ETRMC3116 SHORT SPIGOT REDUCING TEE 315 x 160 mm (PE100 SDR11)
12ETRMC3118 SHORT SPIGOT REDUCING TEE 315 x 180 mm (PE100 SDR11)
12ETRMC3120 SHORT SPIGOT REDUCING TEE 315 x 200 mm (PE100 SDR11)
12ETRMC3122 SHORT SPIGOT REDUCING TEE 315 x 225 mm (PE100 SDR11)
12ETRMC3125 SHORT SPIGOT REDUCING TEE 315 x 250 mm (PE100 SDR11)
12ETRMC3175 SHORT SPIGOT REDUCING TEE 315 x 75 mm (PE100 SDR11)
12ETRMC3190 SHORT SPIGOT REDUCING TEE 315 x 90 mm (PE100 SDR11)

12ETRMC3511 SHORT SPIGOT REDUCING TEE 355 x 110 mm (PE100 SDR11)
12ETRMC3512 SHORT SPIGOT REDUCING TEE 355 x 125 mm (PE100 SDR11)
12ETRMC3514 SHORT SPIGOT REDUCING TEE 355 x 140 mm (PE100 SDR11)
12ETRMC3516 SHORT SPIGOT REDUCING TEE 355 x 160 mm (PE100 SDR11)
12ETRMC3518 SHORT SPIGOT REDUCING TEE 355 x 180 mm (PE100 SDR11)
12ETRMC3520 SHORT SPIGOT REDUCING TEE 355 x 200 mm (PE100 SDR11)
12ETRMC3522 SHORT SPIGOT REDUCING TEE 355 x 225 mm (PE100 SDR11)
12ETRMC3525 SHORT SPIGOT REDUCING TEE 355 x 250 mm (PE100 SDR11)
12ETRMC3590 SHORT SPIGOT REDUCING TEE 355 x 90 mm (PE100 SDR11)
12ETRMC4011 SHORT SPIGOT REDUCING TEE 400 x 110 mm (PE100 SDR11)
12ETRMC4012 SHORT SPIGOT REDUCING TEE 400 x 125 mm (PE100 SDR11)
12ETRMC4014 SHORT SPIGOT REDUCING TEE 400 x 140 mm (PE100 SDR11)
12ETRMC4016 SHORT SPIGOT REDUCING TEE 400 x 160 mm (PE100 SDR11)
12ETRMC4018 SHORT SPIGOT REDUCING TEE 400 x 180 mm (PE100 SDR11)
12ETRMC4020 SHORT SPIGOT REDUCING TEE 400 x 200 mm (PE100 SDR11)
12ETRMC4022 SHORT SPIGOT REDUCING TEE 400 x 225 mm (PE100 SDR11)
12ETRMC4025 SHORT SPIGOT REDUCING TEE 400 x 250 mm (PE100 SDR11)
12ETRMC4028 SHORT SPIGOT REDUCING TEE 400 x 280 mm (PE100 SDR11)
12ETRMC4031 SHORT SPIGOT REDUCING TEE 400 x 315 mm (PE100 SDR11)
12ETRMC4511 SHORT SPIGOT REDUCING TEE 450 x 110 mm (PE100 SDR11)
12ETRMC4512 SHORT SPIGOT REDUCING TEE 450 x 125 mm (PE100 SDR11)
12ETRMC4514 SHORT SPIGOT REDUCING TEE 450 x 140 mm (PE100 SDR11)
12ETRMC4516 SHORT SPIGOT REDUCING TEE 450 x 160 mm (PE100 SDR11)
12ETRMC4518 SHORT SPIGOT REDUCING TEE 450 x 180 mm (PE100 SDR11)
12ETRMC4520 SHORT SPIGOT REDUCING TEE 450 x 200 mm (PE100 SDR11)
12ETRMC4522 SHORT SPIGOT REDUCING TEE 450 x 225 mm (PE100 SDR11)
12ETRMC4525 SHORT SPIGOT REDUCING TEE 450 x 250 mm (PE100 SDR11)
12ETRMC4528 SHORT SPIGOT REDUCING TEE 450 x 280 mm (PE100 SDR11)
12ETRMC4531 SHORT SPIGOT REDUCING TEE 450 x 315 mm (PE100 SDR11)
12ETRMC4535 SHORT SPIGOT REDUCING TEE 450 x 355 mm (PE100 SDR11)
12ETRMC5011 SHORT SPIGOT REDUCING TEE 500 x 110 mm (PE100 SDR11)
12ETRMC5012 SHORT SPIGOT REDUCING TEE 500 x 125 mm (PE100 SDR11)
12ETRMC5014 SHORT SPIGOT REDUCING TEE 500 x 140 mm (PE100 SDR11)
12ETRMC5016 SHORT SPIGOT REDUCING TEE 500 x 160 mm (PE100 SDR11)
12ETRMC5018 SHORT SPIGOT REDUCING TEE 500 x 180 mm (PE100 SDR11)
12ETRMC5020 SHORT SPIGOT REDUCING TEE 500 x 200 mm (PE100 SDR11)
12ETRMC5022 SHORT SPIGOT REDUCING TEE 500 x 225 mm (PE100 SDR11)
12ETRMC5025 SHORT SPIGOT REDUCING TEE 500 x 250 mm (PE100 SDR11)
12ETRMC5028 SHORT SPIGOT REDUCING TEE 500 x 280 mm (PE100 SDR11)
12ETRMC5031 SHORT SPIGOT REDUCING TEE 500 x 315 mm (PE100 SDR11)
12ETRMC5035 SHORT SPIGOT REDUCING TEE 500 x 355 mm (PE100 SDR11)
12ETRMC5040 SHORT SPIGOT REDUCING TEE 500 x 400 mm (PE100 SDR11)

12ETRMC5611 SHORT SPIGOT REDUCING TEE 560 x 110 mm (PE100 SDR11)
12ETRMC5612 SHORT SPIGOT REDUCING TEE 560 x 125 mm (PE100 SDR11)
12ETRMC5614 SHORT SPIGOT REDUCING TEE 560 x 140 mm (PE100 SDR11)
12ETRMC5616 SHORT SPIGOT REDUCING TEE 560 x 160 mm (PE100 SDR11)
12ETRMC5618 SHORT SPIGOT REDUCING TEE 560 x 180 mm (PE100 SDR11)
12ETRMC5620 SHORT SPIGOT REDUCING TEE 560 x 200 mm (PE100 SDR11)
12ETRMC5622 SHORT SPIGOT REDUCING TEE 560 x 225 mm (PE100 SDR11)
12ETRMC5625 SHORT SPIGOT REDUCING TEE 560 x 250 mm (PE100 SDR11)
12ETRMC5628 SHORT SPIGOT REDUCING TEE 560 x 280 mm (PE100 SDR11)
12ETRMC5631 SHORT SPIGOT REDUCING TEE 560 x 315 mm (PE100 SDR11)
12ETRMC5635 SHORT SPIGOT REDUCING TEE 560 x 355 mm (PE100 SDR11)
12ETRMC5640 SHORT SPIGOT REDUCING TEE 560 x 400 mm (PE100 SDR11)
12ETRMC5645 SHORT SPIGOT REDUCING TEE 560 x 450 mm (PE100 SDR11)
12ETRMC6311 SHORT SPIGOT REDUCING TEE 630 x 110 mm (PE100 SDR11)
12ETRMC6312 SHORT SPIGOT REDUCING TEE 630 x 125 mm (PE100 SDR11)
12ETRMC6314 SHORT SPIGOT REDUCING TEE 630 x 140 mm (PE100 SDR11)
12ETRMC6316 SHORT SPIGOT REDUCING TEE 630 x 160 mm (PE100 SDR11)
12ETRMC6318 SHORT SPIGOT REDUCING TEE 630 x 180 mm (PE100 SDR11)
12ETRMC6320 SHORT SPIGOT REDUCING TEE 630 x 200 mm (PE100 SDR11)
12ETRMC6322 SHORT SPIGOT REDUCING TEE 630 x 225 mm (PE100 SDR11)
12ETRMC6325 SHORT SPIGOT REDUCING TEE 630 x 250 mm (PE100 SDR11)
12ETRMC6328 SHORT SPIGOT REDUCING TEE 630 x 280 mm (PE100 SDR11)



12ETRMC6331 SHORT SPIGOT REDUCING TEE 630 x 315 mm (PE100 SDR11)
12ETRS1140 LONG SPIGOT 90° REDUCING TEE MOLDED 110 x 40 mm (PE100 SDR11)
12ETRS1150 LONG SPIGOT 90° REDUCING TEE MOLDED 110 x 50 mm (PE100 SDR11)
12ETRS1163 LONG SPIGOT 90° REDUCING TEE MOLDED 110 x 63 mm (PE100 SDR11)
12ETRS1175 LONG SPIGOT 90° REDUCING TEE MOLDED 110 x 75 mm (PE100 SDR11)
12ETRS1190 LONG SPIGOT 90° REDUCING TEE MOLDED 110 x 90 mm (PE100 SDR11)
12ETRS1211 LONG SPIGOT 90° REDUCING TEE MOLDED 125 x 110 mm (PE100 SDR11)
12ETRS1263 LONG SPIGOT 90° REDUCING TEE MOLDED 125 x 63 mm (PE100 SDR11)
12ETRS1275 LONG SPIGOT 90° REDUCING TEE MOLDED 125 x 75 mm (PE100 SDR11)
12ETRS1290 LONG SPIGOT 90° REDUCING TEE MOLDED 125 x 90 mm (PE100 SDR11)

12ETRS1411 LONG SPIGOT 90° REDUCING TEE MOLDED 140 x 110 mm (PE100 SDR11)
12ETRS1463 LONG SPIGOT 90° REDUCING TEE MOLDED 140 x 63 mm (PE100 SDR11)
12ETRS1475 LONG SPIGOT 90° REDUCING TEE MOLDED 140 x 75 mm (PE100 SDR11)
12ETRS1490 LONG SPIGOT 90° REDUCING TEE MOLDED 140 x 90 mm (PE100 SDR11)
12ETRS1611 LONG SPIGOT 90° REDUCING TEE MOLDED 160 x 110 mm (PE100 SDR11)
12ETRS1612 LONG SPIGOT 90° REDUCING TEE MOLDED 160 x 125 mm (PE100 SDR11)
12ETRS1663 LONG SPIGOT 90° REDUCING TEE MOLDED 160 x 63 mm (PE100 SDR11)
12ETRS1675 LONG SPIGOT 90° REDUCING TEE MOLDED 160 x 75 mm (PE100 SDR11)
12ETRS1690 LONG SPIGOT 90° REDUCING TEE MOLDED 160 x 90 mm (PE100 SDR11)
12ETRS1811 LONG SPIGOT 90° REDUCING TEE MOLDED 180 x 140 mm (PE100 SDR11)
12ETRS1812 LONG SPIGOT 90° REDUCING TEE MOLDED 180 x 125 mm (PE100 SDR11)
12ETRS1814 LONG SPIGOT 90° REDUCING TEE MOLDED 180 x 1410mm (PE100 SDR11)
12ETRS1816 LONG SPIGOT 90° REDUCING TEE MOLDED 180 x 160 mm (PE100 SDR11)
12ETRS1875 LONG SPIGOT 90° REDUCING TEE MOLDED 180 x 75 mm (PE100 SDR11)
12ETRS1890 LONG SPIGOT 90° REDUCING TEE MOLDED 180 x 190mm (PE100 SDR11)
12ETRS2011 LONG SPIGOT 90° REDUCING TEE MOLDED 200 x 110 mm (PE100 SDR11)
12ETRS2012 LONG SPIGOT 90° REDUCING TEE MOLDED 200 x 125 mm (PE100 SDR11)
12ETRS2016 LONG SPIGOT 90° REDUCING TEE MOLDED 200 x 160 mm (PE100 SDR11)
12ETRS2063 LONG SPIGOT 90° REDUCING TEE MOLDED 200 x 63 mm (PE100 SDR11)
12ETRS2075 LONG SPIGOT 90° REDUCING TEE MOLDED 200 x 75 mm (PE100 SDR11)
12ETRS2090 LONG SPIGOT 90° REDUCING TEE MOLDED 200 x 90 mm (PE100 SDR11)
12ETRS2211 LONG SPIGOT 90° REDUCING TEE MOLDED 225 x 110 mm (PE100 SDR11)
12ETRS2212 LONG SPIGOT 90° REDUCING TEE MOLDED 225 x 120 mm (PE100 SDR11)
12ETRS2216 LONG SPIGOT 90° REDUCING TEE MOLDED 225 x 160 mm (PE100 SDR11)
12ETRS2218 LONG SPIGOT 90° REDUCING TEE MOLDED 225 x 180 mm (PE100 SDR11)
12ETRS2263 LONG SPIGOT 90° REDUCING TEE MOLDED 225 x 63 mm (PE100 SDR11)
12ETRS2290 LONG SPIGOT 90° REDUCING TEE MOLDED 225 x 90 mm (PE100 SDR11)
12ETRS2511 LONG SPIGOT 90° REDUCING TEE MOLDED 250 x 110 mm (PE100 SDR11)
12ETRS2512 LONG SPIGOT 90° REDUCING TEE MOLDED 250 x 125 mm (PE100 SDR11)
12ETRS2516 LONG SPIGOT 90° REDUCING TEE MOLDED 250 x 160 mm (PE100 SDR11)
12ETRS2520 LONG SPIGOT 90° REDUCING TEE MOLDED 250 x 200 mm (PE100 SDR11)
12ETRS2590 LONG SPIGOT 90° REDUCING TEE MOLDED 250 x 90 mm (PE100 SDR11)
12ETRS2811 LONG SPIGOT 90° REDUCING TEE MOLDED 280 x 110 mm (PE100 SDR11)
12ETRS2820 LONG SPIGOT 90° REDUCING TEE MOLDED 280 x 200 mm (PE100 SDR11)
12ETRS2822 LONG SPIGOT 90° REDUCING TEE MOLDED 280 x 225 mm (PE100 SDR11)
12ETRS2825 LONG SPIGOT 90° REDUCING TEE MOLDED 280 x 250 mm (PE100 SDR11)

12ETRS3111 LONG SPIGOT 90° REDUCING TEE MOLDED 315 x 110 mm (PE100 SDR11)
12ETRS3116 LONG SPIGOT 90° REDUCING TEE MOLDED 315 x 160 mm (PE100 SDR11)
12ETRS3118 LONG SPIGOT 90° REDUCING TEE MOLDED 315 x 180 mm (PE100 SDR11)
12ETRS3120 LONG SPIGOT 90° REDUCING TEE MOLDED 315 x 200 mm (PE100 SDR11)
12ETRS3122 LONG SPIGOT 90° REDUCING TEE MOLDED 315 x 225 mm (PE100 SDR11)
12ETRS3190 LONG SPIGOT 90° REDUCING TEE MOLDED 315 x 90 mm (PE100 SDR11)
12ETRS6332 LONG SPIGOT 90° REDUCING TEE MOLDED 63 x 32 mm (PE100 SDR11)
12ETRS6350 LONG SPIGOT 90° REDUCING TEE MOLDED 63 x 50 mm (PE100 SDR11)
12ETRS7550 LONG SPIGOT 90° REDUCING TEE MOLDED 75 x 50 mm (PE100 SDR11)
12ETRS7563 LONG SPIGOT 90° REDUCING TEE MOLDED 75 x 63 mm (PE100 SDR11)
12ETRS9050 LONG SPIGOT 90° REDUCING TEE MOLDED 90 x 50 mm (PE100 SDR11)
12ETRS9063 LONG SPIGOT 90° REDUCING TEE MOLDED 90 x 63 mm (PE100 SDR11)
12ETRS9075 LONG SPIGOT 90° REDUCING TEE MOLDED 90 x 75 mm (PE100 SDR11)
12GC063 45° ELBOW LONG SPIGOT 63 mm (PE100 SDR7.4)
12GC075 45° ELBOW LONG SPIGOT 75 mm (PE100 SDR7.4)
12GC090 45° ELBOW LONG SPIGOT 90 mm (PE100 SDR7.4)
12GC110 45° ELBOW LONG SPIGOT 110 mm (PE100 SDR7.4)
12GC125 45° ELBOW LONG SPIGOT 125 mm (PE100 SDR7.4)
12GC140 45° ELBOW LONG SPIGOT 140 mm (PE100 SDR7.4)
12GC160 45° ELBOW LONG SPIGOT 160 mm (PE100 SDR7.4)
12GC180 45° ELBOW LONG SPIGOT 180 mm (PE100 SDR7.4)
12GC200 45° ELBOW LONG SPIGOT 200 mm (PE100 SDR7.4)
12GC225 45° ELBOW LONG SPIGOT 225 mm (PE100 SDR7.4)
12GC250 45° ELBOW LONG SPIGOT 250 mm (PE100 SDR7.4)
12GC280 45° ELBOW LONG SPIGOT 280 mm (PE100 SDR7.4)
12GC315 45° ELBOW LONG SPIGOT 315 mm (PE100 SDR7.4)
12GCAL063 LONG SPIGOT CAP 63 mm (PE100 SDR7.4)

12GCAL075 LONG SPIGOT CAP 75 mm (PE100 SDR7.4)
12GCAL090 LONG SPIGOT CAP 90 mm (PE100 SDR7.4)
12GCAL110 LONG SPIGOT CAP 110 mm (PE100 SDR7.4)
12GCAL125 LONG SPIGOT CAP 125 mm (PE100 SDR7.4)
12GCAL140 LONG SPIGOT CAP 140 mm (PE100 SDR7.4)
12GCAL160 LONG SPIGOT CAP 160 mm (PE100 SDR7.4)
12GCAL180 LONG SPIGOT CAP 180 mm (PE100 SDR7.4)
12GCAL200 LONG SPIGOT CAP 200 mm (PE100 SDR7.4)
12GCAL225 LONG SPIGOT CAP 225 mm (PE100 SDR7.4)
12GCAL250 LONG SPIGOT CAP 250 mm (PE100 SDR7.4)
12GCAL280 LONG SPIGOT CAP 280 mm (PE100 SDR7.4)
12GCAL315 LONG SPIGOT CAP 315 mm (PE100 SDR7.4)
12GCAL355 LONG SPIGOT CAP 355 mm (PE100 SDR7.4)
12GCAL400 LONG SPIGOT CAP 400 mm (PE100 SDR7.4)
12GCAL450 LONG SPIGOT CAP 450 mm (PE100 SDR7.4)

12GCRT063 LONG SPIGOT STUB END 63 mm (PE100 SDR7.4)
12GCRT075 LONG SPIGOT STUB END 75 mm (PE100 SDR7.4)
12GCRT090 LONG SPIGOT STUB END 90 mm (PE100 SDR7.4)
12GCRT110 LONG SPIGOT STUB END 110 mm (PE100 SDR7.4)
12GCRT125 LONG SPIGOT STUB END 125 mm (PE100 SDR7.4)
12GCRT140 LONG SPIGOT STUB END 140 mm (PE100 SDR7.4)
12GCRT160 LONG SPIGOT STUB END 160 mm (PE100 SDR7.4)
12GCRT180 LONG SPIGOT STUB END 180 mm (PE100 SDR7.4)
12GCRT200 LONG SPIGOT STUB END 200 mm (PE100 SDR7.4)
12GCRT225 LONG SPIGOT STUB END 225 mm (PE100 SDR7.4)
12GCRT250 LONG SPIGOT STUB END 250 mm (PE100 SDR7.4)
12GCRT280 LONG SPIGOT STUB END 280 mm (PE100 SDR7.4)
12GCRT315 LONG SPIGOT STUB END 315 mm (PE100 SDR7.4)
12GCRT355 LONG SPIGOT STUB END 355 mm (PE100 SDR7.4)
12GCRT400 LONG SPIGOT STUB END 400 mm (PE100 SDR7.4)
12GCRT450 LONG SPIGOT STUB END 450 mm (PE100 SDR7.4)
12GCRTC110 SHORT SPIGOT STUB END 110 mm (PE100 SDR7.4)
12GCRTC125 SHORT SPIGOT STUB END 125 mm (PE100 SDR7.4)
12GCRTC140 SHORT SPIGOT STUB END 140 mm (PE100 SDR7.4)
12GCRTC160 SHORT SPIGOT STUB END 160 mm (PE100 SDR7.4)
12GCRTC180 SHORT SPIGOT STUB END 180 mm (PE100 SDR7.4)
12GCRTC200 SHORT SPIGOT STUB END 200 mm (PE100 SDR7.4)
12GCRTC225 SHORT SPIGOT STUB END 225 mm (PE100 SDR7.4)
12GCRTC250 SHORT SPIGOT STUB END 250 mm (PE100 SDR7.4)
12GCRTC280 SHORT SPIGOT STUB END 280 mm (PE100 SDR7.4)
12GCRTC315 SHORT SPIGOT STUB END 315 mm (PE100 SDR7.4)
12GCRTC355 SHORT SPIGOT STUB END 355 mm (PE100 SDR7.4)
12GCRTC400 SHORT SPIGOT STUB END 400 mm (PE100 SDR7.4)
12GCRTC450 SHORT SPIGOT STUB END 450 mm (PE100 SDR7.4)
12GG063 LONG SPIGOT 90° ELBOW 63 mm (PE100 SDR7.4)
12GG075 LONG SPIGOT 90° ELBOW 75 mm (PE100 SDR7.4)
12GG090 LONG SPIGOT 90° ELBOW 90 mm (PE100 SDR7.4)
12GG110 LONG SPIGOT 90° ELBOW 110 mm (PE100 SDR7.4)
12GG125 LONG SPIGOT 90° ELBOW 125 mm (PE100 SDR7.4)
12GG140 LONG SPIGOT 90° ELBOW 140 mm (PE100 SDR7.4)
12GG160 LONG SPIGOT 90° ELBOW 160 mm (PE100 SDR7.4)
12GG180 LONG SPIGOT 90° ELBOW 180 mm (PE100 SDR7.4)
12GG200 LONG SPIGOT 90° ELBOW 200 mm (PE100 SDR7.4)
12GG225 LONG SPIGOT 90° ELBOW 225 mm (PE100 SDR7.4)
12GG250 LONG SPIGOT 90° ELBOW 250 mm (PE100 SDR7.4)
12GG280 LONG SPIGOT 90° ELBOW 280 mm (PE100 SDR7.4)
12GG315 LONG SPIGOT 90° ELBOW 315 mm (PE100 SDR7.4)

12GME020 ELECTROFUSION COUPLER 20 mm (PE100)
12GME025 ELECTROFUSION COUPLER 25 mm (PE100)
12GME032 ELECTROFUSION COUPLER 32 mm (PE100)
12GME040 ELECTROFUSION COUPLER 40 mm (PE100)
12GME050 ELECTROFUSION COUPLER 50 mm (PE100)
12GME063 ELECTROFUSION COUPLER 63 mm (PE100)
12GME075 ELECTROFUSION COUPLER 75 mm (PE100)
12GME090 ELECTROFUSION COUPLER 90 mm (PE100)
12GME110 ELECTROFUSION COUPLER 110 mm (PE100)
12GME125 ELECTROFUSION COUPLER 125 mm (PE100)
12GME140 ELECTROFUSION COUPLER 140 mm (PE100)
12GME160 ELECTROFUSION COUPLER 160 mm (PE100)
12GME180 ELECTROFUSION COUPLER 180 mm (PE100)
12GME200 ELECTROFUSION COUPLER 200 mm (PE100)
12GME225 ELECTROFUSION COUPLER 225 mm (PE100)
12GME250 ELECTROFUSION COUPLER 250 mm (PE100)



12GME280 ELECTROFUSION COUPLER 280 mm (PE100)
12GME315 ELECTROFUSION COUPLER 315 mm (PE100)
12GME355 ELECTROFUSION COUPLER 355 mm (PE100)
12GME400 ELECTROFUSION COUPLER 400 mm (PE100)
12GME450 ELECTROFUSION COUPLER 450 mm (PE100)
12GME500 ELECTROFUSION COUPLER 500 mm (PE100)
12GME560 ELECTROFUSION COUPLER 560 mm (PE100)
12GME630 ELECTROFUSION COUPLER 630 mm (PE100)
12GRD1163 LONG SPIGOT REDUCER 110 x 63 mm (PE100 SDR7.4)
12GRD1175 LONG SPIGOT REDUCER 110 x 75 mm (PE100 SDR7.4)
12GRD1190 LONG SPIGOT REDUCER 110 x 90 mm (PE100 SDR7.4)
12GRD1211 LONG SPIGOT REDUCER 125 x 110 mm (PE100 SDR7.4)
12GRD1250 LONG SPIGOT REDUCER 125 x 50 mm (PE100 SDR7.4)
12GRD1263 LONG SPIGOT REDUCER 125 x 63 mm (PE100 SDR7.4)
12GRD1275 LONG SPIGOT REDUCER 125 x 75 mm (PE100 SDR7.4)
12GRD1290 LONG SPIGOT REDUCER 125 x 90 mm (PE100 SDR7.4)

12GRD1411 LONG SPIGOT REDUCER 140 x 110 mm (PE100 SDR7.4)
12GRD1412 LONG SPIGOT REDUCER 140 x 125 mm (PE100 SDR7.4)
12GRD1490 LONG SPIGOT REDUCER 140 x 90 mm (PE100 SDR7.4)
12GRD1611 LONG SPIGOT REDUCER 160 x 110 mm (PE100 SDR7.4)
12GRD1612 LONG SPIGOT REDUCER 160 x 125 mm (PE100 SDR7.4)
12GRD1614 LONG SPIGOT REDUCER 160 x 140 mm (PE100 SDR7.4)
12GRD1690 LONG SPIGOT REDUCER 160 x 90 mm (PE100 SDR7.4)
12GRD1812 LONG SPIGOT REDUCER 180 x 125 mm (PE100 SDR7.4)
12GRD1814 LONG SPIGOT REDUCER 180 x 140 mm (PE100 SDR7.4)
12GRD1816 LONG SPIGOT REDUCER 180 x 160 mm (PE100 SDR7.4)
12GRD1890 LONG SPIGOT REDUCER 180 x 90 mm (PE100 SDR7.4)
12GRD2014 LONG SPIGOT REDUCER 200 x 140 mm (PE100 SDR7.4)
12GRD2016 LONG SPIGOT REDUCER 200 x 160 mm (PE100 SDR7.4)
12GRD2018 LONG SPIGOT REDUCER 200 x 180 mm (PE100 SDR7.4)
12GRD2216 LONG SPIGOT REDUCER 225 x 160 mm (PE100 SDR7.4)
12GRD2218 LONG SPIGOT REDUCER 225 x 180 mm (PE100 SDR7.4)
12GRD2220 LONG SPIGOT REDUCER 225 x 200 mm (PE100 SDR7.4)
12GRD2518 LONG SPIGOT REDUCER 250 x 180 mm (PE100 SDR7.4)
12GRD2520 LONG SPIGOT REDUCER 250 x 200 mm (PE100 SDR7.4)
12GRD2522 LONG SPIGOT REDUCER 250 x 225 mm (PE100 SDR7.4)
12GRD2822 LONG SPIGOT REDUCER 280 x 225 mm (PE100 SDR7.4)
12GRD2825 LONG SPIGOT REDUCER 280 x 250 mm (PE100 SDR7.4)
12GRD3125 LONG SPIGOT REDUCER 315 x 250 mm (PE100 SDR7.4)
12GRD3128 LONG SPIGOT REDUCER 315 x 280 mm (PE100 SDR7.4)
12GRD3525 LONG SPIGOT REDUCER 355 x 250 mm (PE100 SDR7.4)
12GRD3528 LONG SPIGOT REDUCER 355 x 280 mm (PE100 SDR7.4)
12GRD3531 LONG SPIGOT REDUCER 355 x 315 mm (PE100 SDR7.4)
12GRD4035 LONG SPIGOT REDUCER 400 x 355 mm (PE100 SDR7.4)
12GRD6332 LONG SPIGOT REDUCER 63 x 32 mm (PE100 SDR7.4)
12GRD6350 LONG SPIGOT REDUCER 63 x 50 mm (PE100 SDR7.4)
12GRD7563 LONG SPIGOT REDUCER 75 x 63 mm (PE100 SDR7.4)
12GRD9050 LONG SPIGOT REDUCER 90 x 50 mm (PE100 SDR7.4)
12GRD9063 LONG SPIGOT REDUCER 90 x 63 mm (PE100 SDR7.4)
12GRD9075 LONG SPIGOT REDUCER 90 x 75 mm (PE100 SDR7.4)
12GRDC2016 SHORT SPIGOT REDUCER 200 x 160 mm (PE100 SDR7.4)
12GRDC2018 SHORT SPIGOT REDUCER 200 x 180 mm (PE100 SDR7.4)
12GRDC2216 SHORT SPIGOT REDUCER 225 x 160 mm (PE100 SDR7.4)
12GRDC2218 SHORT SPIGOT REDUCER 225 x 180 mm (PE100 SDR7.4)
12GRDC2220 SHORT SPIGOT REDUCER 225 x 200 mm (PE100 SDR7.4)
12GRDC2518 SHORT SPIGOT REDUCER 250 x 180 mm (PE100 SDR7.4)
12GRDC2520 SHORT SPIGOT REDUCER 250 x 200 mm (PE100 SDR7.4)
12GRDC2522 SHORT SPIGOT REDUCER 250 x 225 mm (PE100 SDR7.4)
12GRDC2822 SHORT SPIGOT REDUCER 280 x 225 mm (PE100 SDR7.4)
12GRDC2825 SHORT SPIGOT REDUCER 280 x 250 mm (PE100 SDR7.4)

12GRDC3122 SHORT SPIGOT REDUCER 315 x 225 mm (PE100 SDR7.4)
12GRDC3125 SHORT SPIGOT REDUCER 315 x 250 mm (PE100 SDR7.4)
12GRDC3128 SHORT SPIGOT REDUCER 315 x 280 mm (PE100 SDR7.4)
12GRDC3528 SHORT SPIGOT REDUCER 355 x 280 mm (PE100 SDR7.4)
12GRDC3531 SHORT SPIGOT REDUCER 355 x 315 mm (PE100 SDR7.4)
12GRDC4028 SHORT SPIGOT REDUCER 400 x 280 mm (PE100 SDR7.4)
12GRDC4031 SHORT SPIGOT REDUCER 400 x 315 mm (PE100 SDR7.4)
12GRDC4035 SHORT SPIGOT REDUCER 400 x 355 mm (PE100 SDR7.4)
12GRDC4535 SHORT SPIGOT REDUCER 450 x 355 mm (PE100 SDR7.4)
12GRDC4540 SHORT SPIGOT REDUCER 450 x 400 mm (PE100 SDR7.4)
12GT063 LONG SPIGOT 90° TEE 63 mm (PE100 SDR7.4)
12GT075 LONG SPIGOT 90° TEE 75 mm (PE100 SDR7.4)
12GT090 LONG SPIGOT 90° TEE 90 mm (PE100 SDR7.4)



12GT110 LONG SPIGOT 90° TEE 110 mm (PE100 SDR7.4)
12GT125 LONG SPIGOT 90° TEE 125 mm (PE100 SDR7.4)
12GT140 LONG SPIGOT 90° TEE 140 mm (PE100 SDR7.4)
12GT160 LONG SPIGOT 90° TEE 160 mm (PE100 SDR7.4)
12GT180 LONG SPIGOT 90° TEE 180 mm (PE100 SDR7.4)
12GT200 LONG SPIGOT 90° TEE 200 mm (PE100 SDR7.4)
12GT225 LONG SPIGOT 90° TEE 225 mm (PE100 SDR7.4)
12GT250 LONG SPIGOT 90° TEE 250 mm (PE100 SDR7.4)
12GT280 LONG SPIGOT 90° TEE 280 mm (PE100 SDR7.4)
12GT315 LONG SPIGOT 90° TEE 315 mm (PE100 SDR7.4)
12GTM355 LONG SPIGOT 90° TEE 355 mm (PE100 SDR7.4)
12GTM400 LONG SPIGOT 90° TEE 400 mm (PE100 SDR7.4)
12GTM450 LONG SPIGOT 90° TEE 450 mm (PE100 SDR7.4)
12GTMC355 SHORT SPIGOT 90° TEE 355 mm (PE100 SDR7.4)
12GTMC400 SHORT SPIGOT 90° TEE 400 mm (PE100 SDR7.4)
12GTMC450 SHORT SPIGOT 90° TEE 450 mm (PE100 SDR7.4)
12GTRMC2811 SHORT SPIGOT REDUCING TEE 280 x 110 mm (PE100 SDR7.4)
12GTRMC2812 SHORT SPIGOT REDUCING TEE 280 x 125 mm (PE100 SDR7.4)
12GTRMC2814 SHORT SPIGOT REDUCING TEE 280 x 140 mm (PE100 SDR7.4)
12GTRMC2816 SHORT SPIGOT REDUCING TEE 280 x 160 mm (PE100 SDR7.4)
12GTRMC2818 SHORT SPIGOT REDUCING TEE 280 x 160 mm (PE100 SDR7.4)
12GTRMC2820 SHORT SPIGOT REDUCING TEE 280 x 200 mm (PE100 SDR7.4)
12GTRMC2822 SHORT SPIGOT REDUCING TEE 280 x 225 mm (PE100 SDR7.4)
12GTRMC2863 SHORT SPIGOT REDUCING TEE 280 x 63 mm (PE100 SDR7.4)
12GTRMC2875 SHORT SPIGOT REDUCING TEE 280 x 75 mm (PE100 SDR7.4)
12GTRMC2890 SHORT SPIGOT REDUCING TEE 280 x 90 mm (PE100 SDR7.4)

12GTRMC3111 SHORT SPIGOT REDUCING TEE 315 x 110 mm (PE100 SDR7.4)
12GTRMC3112 SHORT SPIGOT REDUCING TEE 315 x 125 mm (PE100 SDR7.4)
12GTRMC3114 SHORT SPIGOT REDUCING TEE 315 x 140 mm (PE100 SDR7.4)
12GTRMC3116 SHORT SPIGOT REDUCING TEE 315 x 160 mm (PE100 SDR7.4)
12GTRMC3118 SHORT SPIGOT REDUCING TEE 315 x 180 mm (PE100 SDR7.4)
12GTRMC3120 SHORT SPIGOT REDUCING TEE 315 x 200 mm (PE100 SDR7.4)
12GTRMC3122 SHORT SPIGOT REDUCING TEE 315 x 225 mm (PE100 SDR7.4)
12GTRMC3125 SHORT SPIGOT REDUCING TEE 315 x 250 mm (PE100 SDR7.4)
12GTRMC3163 SHORT SPIGOT REDUCING TEE 315 x 63 mm (PE100 SDR7.4)
12GTRMC3175 SHORT SPIGOT REDUCING TEE 315 x 75 mm (PE100 SDR7.4)
12GTRMC3190 SHORT SPIGOT REDUCING TEE 315 x 90 mm (PE100 SDR7.4)
12GTRMC3511 SHORT SPIGOT REDUCING TEE 355 x 110 mm (PE100 SDR7.4)
12GTRMC3512 SHORT SPIGOT REDUCING TEE 355 x 125 mm (PE100 SDR7.4)
12GTRMC3514 SHORT SPIGOT REDUCING TEE 355 x 140 mm (PE100 SDR7.4)
12GTRMC3516 SHORT SPIGOT REDUCING TEE 355 x 160 mm (PE100 SDR7.4)
12GTRMC3518 SHORT SPIGOT REDUCING TEE 355 x 180 mm (PE100 SDR7.4)
12GTRMC3520 SHORT SPIGOT REDUCING TEE 355 x 200 mm (PE100 SDR7.4)
12GTRMC3522 SHORT SPIGOT REDUCING TEE 355 x 225 mm (PE100 SDR7.4)
12GTRMC3525 SHORT SPIGOT REDUCING TEE 355 x 250 mm (PE100 SDR7.4)
12GTRMC3590 SHORT SPIGOT REDUCING TEE 355 x 90 mm (PE100 SDR7.4)
12GTRMC4011 SHORT SPIGOT REDUCING TEE 400 x 110 mm (PE100 SDR7.4)
12GTRMC4012 SHORT SPIGOT REDUCING TEE 400 x 125 mm (PE100 SDR7.4)
12GTRMC4014 SHORT SPIGOT REDUCING TEE 400 x 140 mm (PE100 SDR7.4)
12GTRMC4016 SHORT SPIGOT REDUCING TEE 400 x 160 mm (PE100 SDR7.4)
12GTRMC4018 SHORT SPIGOT REDUCING TEE 400 x 180 mm (PE100 SDR7.4)
12GTRMC4020 SHORT SPIGOT REDUCING TEE 400 x 200 mm (PE100 SDR7.4)
12GTRMC4022 SHORT SPIGOT REDUCING TEE 400 x 225 mm (PE100 SDR7.4)
12GTRMC4025 SHORT SPIGOT REDUCING TEE 400 x 250 mm (PE100 SDR7.4)
12GTRMC4028 SHORT SPIGOT REDUCING TEE 400 x 280 mm (PE100 SDR7.4)
12GTRMC4031 SHORT SPIGOT REDUCING TEE 400 x 315 mm (PE100 SDR7.4)
12GTRMC4511 SHORT SPIGOT REDUCING TEE 450 x 110 mm (PE100 SDR7.4)
12GTRMC4512 SHORT SPIGOT REDUCING TEE 450 x 125 mm (PE100 SDR7.4)
12GTRMC4514 SHORT SPIGOT REDUCING TEE 450 x 140 mm (PE100 SDR7.4)
12GTRMC4516 SHORT SPIGOT REDUCING TEE 450 x 160 mm (PE100 SDR7.4)
12GTRMC4518 SHORT SPIGOT REDUCING TEE 450 x 180 mm (PE100 SDR7.4)
12GTRMC4520 SHORT SPIGOT REDUCING TEE 450 x 200 mm (PE100 SDR7.4)
12GTRMC4522 SHORT SPIGOT REDUCING TEE 450 x 225 mm (PE100 SDR7.4)
12GTRMC4525 SHORT SPIGOT REDUCING TEE 450 x 250 mm (PE100 SDR7.4)
12GTRMC4528 SHORT SPIGOT REDUCING TEE 450 x 280 mm (PE100 SDR7.4)
12GTRMC4531 SHORT SPIGOT REDUCING TEE 450 x 315 mm (PE100 SDR7.4)
12GTRMC4535 SHORT SPIGOT REDUCING TEE 450 x 355 mm (PE100 SDR7.4)

12HC063 45° ELBOW LONG SPIGOT 63 mm (PE100 SDR9)
12HC075 45° ELBOW LONG SPIGOT 75 mm (PE100 SDR9)
12HC090 45° ELBOW LONG SPIGOT 90 mm (PE100 SDR9)
12HC110 45° ELBOW LONG SPIGOT 110 mm (PE100 SDR9)
12HC125 45° ELBOW LONG SPIGOT 125 mm (PE100 SDR9)
12HC140 45° ELBOW LONG SPIGOT 140 mm (PE100 SDR9)



12HC160 45° ELBOW LONG SPIGOT 160 mm (PE100 SDR9)
12HC180 45° ELBOW LONG SPIGOT 180 mm (PE100 SDR9)
12HC200 45° ELBOW LONG SPIGOT 200 mm (PE100 SDR9)
12HC225 45° ELBOW LONG SPIGOT 225 mm (PE100 SDR9)
12HC250 45° ELBOW LONG SPIGOT 250 mm (PE100 SDR9)
12HC280 45° ELBOW LONG SPIGOT 280 mm (PE100 SDR9)
12HC315 45° ELBOW LONG SPIGOT 315 mm (PE100 SDR9)
12HCAL063 LONG SPIGOT CAP 63 mm (PE100 SDR9)
12HCAL075 LONG SPIGOT CAP 75 mm (PE100 SDR9)
12HCAL090 LONG SPIGOT CAP 90 mm (PE100 SDR9)
12HCAL110 LONG SPIGOT CAP 110 mm (PE100 SDR9)
12HCAL125 LONG SPIGOT CAP 125 mm (PE100 SDR9)
12HCAL140 LONG SPIGOT CAP 140 mm (PE100 SDR9)
12HCAL160 LONG SPIGOT CAP 160 mm (PE100 SDR9)
12HCAL180 LONG SPIGOT CAP 180 mm (PE100 SDR9)
12HCAL200 LONG SPIGOT CAP 200 mm (PE100 SDR9)
12HCAL225 LONG SPIGOT CAP 225 mm (PE100 SDR9)
12HCAL250 LONG SPIGOT CAP 250 mm (PE100 SDR9)
12HCAL280 LONG SPIGOT CAP 280 mm (PE100 SDR9)
12HCAL315 LONG SPIGOT CAP 315 mm (PE100 SDR9)
12HCAL355 LONG SPIGOT CAP 355 mm (PE100 SDR9)
12HCAL400 LONG SPIGOT CAP 400 mm (PE100 SDR9)
12HCAL450 LONG SPIGOT CAP 450 mm (PE100 SDR9)
12HCAL500 LONG SPIGOT CAP 500 mm (PE100 SDR9)
12HCRT063 LONG SPIGOT STUB END 63 mm (PE100 SDR9)
12HCRT075 LONG SPIGOT STUB END 75 mm (PE100 SDR9)
12HCRT090 LONG SPIGOT STUB END 90 mm (PE100 SDR9)
12HCRT110 LONG SPIGOT STUB END 110 mm (PE100 SDR9)
12HCRT125 LONG SPIGOT STUB END 125 mm (PE100 SDR9)
12HCRT140 LONG SPIGOT STUB END 140 mm (PE100 SDR9)
12HCRT160 LONG SPIGOT STUB END 160 mm (PE100 SDR9)
12HCRT180 LONG SPIGOT STUB END 180 mm (PE100 SDR9)
12HCRT200 LONG SPIGOT STUB END 200 mm (PE100 SDR9)
12HCRT225 LONG SPIGOT STUB END 225 mm (PE100 SDR9)
12HCRT250 LONG SPIGOT STUB END 250 mm (PE100 SDR9)
12HCRT280 LONG SPIGOT STUB END 280 mm (PE100 SDR9)
12HCRT315 LONG SPIGOT STUB END 315 mm (PE100 SDR9)
12HCRT355 LONG SPIGOT STUB END 355 mm (PE100 SDR9)
12HCRT400 LONG SPIGOT STUB END 400 mm (PE100 SDR9)
12HCRT450 LONG SPIGOT STUB END 450 mm (PE100 SDR9)
12HCRT500 LONG SPIGOT STUB END 500 mm (PE100 SDR9)
12HCRTC110 SHORT SPIGOT STUB END 110 mm (PE100 SDR9)
12HCRTC125 SHORT SPIGOT STUB END 125 mm (PE100 SDR9)
12HCRTC140 SHORT SPIGOT STUB END 140 mm (PE100 SDR9)
12HCRTC160 SHORT SPIGOT STUB END 160 mm (PE100 SDR9)
12HCRTC180 SHORT SPIGOT STUB END 180 mm (PE100 SDR9)
12HCRTC200 SHORT SPIGOT STUB END 200 mm (PE100 SDR9)
12HCRTC225 SHORT SPIGOT STUB END 225 mm (PE100 SDR9)
12HCRTC250 SHORT SPIGOT STUB END 250 mm (PE100 SDR9)
12HCRTC280 SHORT SPIGOT STUB END 280 mm (PE100 SDR9)
12HCRTC315 SHORT SPIGOT STUB END 315 mm (PE100 SDR9)
12HCRTC355 SHORT SPIGOT STUB END 355 mm (PE100 SDR9)
12HCRTC400 SHORT SPIGOT STUB END 400 mm (PE100 SDR9)
12HCRTC450 SHORT SPIGOT STUB END 450 mm (PE100 SDR9)
12HCRTC500 SHORT SPIGOT STUB END 500 mm (PE100 SDR9)

12HG063 LONG SPIGOT 90° ELBOW 63 mm (PE100 SDR9)
12HG075 LONG SPIGOT 90° ELBOW 75 mm (PE100 SDR9)
12HG090 LONG SPIGOT 90° ELBOW 90 mm (PE100 SDR9)
12HG110 LONG SPIGOT 90° ELBOW 110 mm (PE100 SDR9)
12HG125 LONG SPIGOT 90° ELBOW 125 mm (PE100 SDR9)
12HG140 LONG SPIGOT 90° ELBOW 140 mm (PE100 SDR9)
12HG160 LONG SPIGOT 90° ELBOW 160 mm (PE100 SDR9)
12HG180 LONG SPIGOT 90° ELBOW 180 mm (PE100 SDR9)
12HG200 LONG SPIGOT 90° ELBOW 200 mm (PE100 SDR9)
12HG225 LONG SPIGOT 90° ELBOW 225 mm (PE100 SDR9)
12HG250 LONG SPIGOT 90° ELBOW 250 mm (PE100 SDR9)
12HG280 LONG SPIGOT 90° ELBOW 280 mm (PE100 SDR9)
12HG315 LONG SPIGOT 90° ELBOW 315 mm (PE100 SDR9)
12HRD1163 LONG SPIGOT REDUCER 110 x 63 mm (PE100 SDR9)
12HRD1175 LONG SPIGOT REDUCER 110 x 75 mm (PE100 SDR9)
12HRD1190 LONG SPIGOT REDUCER 110 x 90 mm (PE100 SDR9)
12HRD1211 LONG SPIGOT REDUCER 125 x 110 mm (PE100 SDR9)
12HRD1263 LONG SPIGOT REDUCER 125 x 63 mm (PE100 SDR9)
12HRD1275 LONG SPIGOT REDUCER 125 x 75 mm (PE100 SDR9)



12HRD1290 LONG SPIGOT REDUCER 125 x 90 mm (PE100 SDR9)
12HRD1411 LONG SPIGOT REDUCER 140 x 110 mm (PE100 SDR9)
12HRD1412 LONG SPIGOT REDUCER 140 x 125 mm (PE100 SDR9)
12HRD1490 LONG SPIGOT REDUCER 140 x 90 mm (PE100 SDR9)
12HRD1611 LONG SPIGOT REDUCER 160 x 110 mm (PE100 SDR9)
12HRD1612 LONG SPIGOT REDUCER 160 x 125 mm (PE100 SDR9)
12HRD1614 LONG SPIGOT REDUCER 160 x 140 mm (PE100 SDR9)
12HRD1690 LONG SPIGOT REDUCER 160 x 90 mm (PE100 SDR9)
12HRD1812 LONG SPIGOT REDUCER 180 x 125 mm (PE100 SDR9)
12HRD1814 LONG SPIGOT REDUCER 180 x 140 mm (PE100 SDR9)
12HRD1816 LONG SPIGOT REDUCER 180 x 160 mm (PE100 SDR9)
12HRD2014 LONG SPIGOT REDUCER 200 x 140 mm (PE100 SDR9)
12HRD2016 LONG SPIGOT REDUCER 200 x 160 mm (PE100 SDR9)
12HRD2018 LONG SPIGOT REDUCER 200 x 180 mm (PE100 SDR9)
12HRD2216 LONG SPIGOT REDUCER 225 x 160 mm (PE100 SDR9)
12HRD2218 LONG SPIGOT REDUCER 225 x 180 mm (PE100 SDR9)
12HRD2220 LONG SPIGOT REDUCER 225 x 200 mm (PE100 SDR9)
12HRD2518 LONG SPIGOT REDUCER 250 x 180 mm (PE100 SDR9)
12HRD2520 LONG SPIGOT REDUCER 250 x 200 mm (PE100 SDR9)
12HRD2522 LONG SPIGOT REDUCER 250 x 225 mm (PE100 SDR9)
12HRD2820 LONG SPIGOT REDUCER 280 x 200 mm (PE100 SDR9)
12HRD2822 LONG SPIGOT REDUCER 280 x 225 mm (PE100 SDR9)
12HRD2825 LONG SPIGOT REDUCER 280 x 250 mm (PE100 SDR9)
12HRD3125 LONG SPIGOT REDUCER 315 x 250 mm (PE100 SDR9)
12HRD3128 LONG SPIGOT REDUCER 315 x 280 mm (PE100 SDR9)
12HRD3528 LONG SPIGOT REDUCER 355 x 280 mm (PE100 SDR9)
12HRD3531 LONG SPIGOT REDUCER 355 x 315 mm (PE100 SDR9)
12HRD4031 LONG SPIGOT REDUCER 400 x 315 mm (PE100 SDR9)
12HRD4035 LONG SPIGOT REDUCER 400 x 355 mm (PE100 SDR9)
12HRD6332 LONG SPIGOT REDUCER 63 x 32 mm (PE100 SDR9)
12HRD6340 LONG SPIGOT REDUCER 63 x 40 mm (PE100 SDR9)

12HRD6350 LONG SPIGOT REDUCER 63 x 50 mm (PE100 SDR9)
12HRD7563 LONG SPIGOT REDUCER 75 x 63 mm (PE100 SDR9)
12HRD9050 LONG SPIGOT REDUCER 90 x 50 mm (PE100 SDR9)
12HRD9063 LONG SPIGOT REDUCER 90 x 63 mm (PE100 SDR9)
12HRD9075 LONG SPIGOT REDUCER 90 x 75 mm (PE100 SDR9)
12HRDC2016 SHORT SPIGOT REDUCER 200 x 160 mm (PE100 SDR9)
12HRDC2018 SHORT SPIGOT REDUCER 200 x 180 mm (PE100 SDR9)
12HRDC2216 SHORT SPIGOT REDUCER 225 x 160 mm (PE100 SDR9)
12HRDC2218 SHORT SPIGOT REDUCER 225 x 180 mm (PE100 SDR9)
12HRDC2220 SHORT SPIGOT REDUCER 225 x 200 mm (PE100 SDR9)
12HRDC2518 SHORT SPIGOT REDUCER 225 x 180 mm (PE100 SDR9)
12HRDC2520 SHORT SPIGOT REDUCER 250 x 200 mm (PE100 SDR9)
12HRDC2522 SHORT SPIGOT REDUCER 250 x 225 mm (PE100 SDR9)
12HRDC2820 SHORT SPIGOT REDUCER 280 x 200 mm (PE100 SDR9)
12HRDC2822 SHORT SPIGOT REDUCER 280 x 225 mm (PE100 SDR9)
12HRDC2825 SHORT SPIGOT REDUCER 280 x 250 mm (PE100 SDR9)
12HRDC3122 SHORT SPIGOT REDUCER 315 x 225 mm (PE100 SDR9)
12HRDC3125 SHORT SPIGOT REDUCER 315 x 250 mm (PE100 SDR9)
12HRDC3128 SHORT SPIGOT REDUCER 315 x 280 mm (PE100 SDR9)
12HRDC3525 SHORT SPIGOT REDUCER 355 x 250 mm (PE100 SDR9)
12HRDC3528 SHORT SPIGOT REDUCER 355 x 280 mm (PE100 SDR9)
12HRDC3531 SHORT SPIGOT REDUCER 355 x 315 mm (PE100 SDR9)
12HRDC4028 SHORT SPIGOT REDUCER 400 x 280 mm (PE100 SDR9)
12HRDC4031 SHORT SPIGOT REDUCER 400 x 315 mm (PE100 SDR9)
12HRDC4035 SHORT SPIGOT REDUCER 400 x 355 mm (PE100 SDR9)
12HRDC4531 SHORT SPIGOT REDUCER 450 x 315 mm (PE100 SDR9)
12HRDC4535 SHORT SPIGOT REDUCER 450 x 355 mm (PE100 SDR9)
12HRDC4540 SHORT SPIGOT REDUCER 450 x 400 mm (PE100 SDR9)
12HRDC5035 SHORT SPIGOT REDUCER 500 x 355 mm (PE100 SDR9)
12HRDC5040 SHORT SPIGOT REDUCER 500 x 400 mm (PE100 SDR9)
12HRDC5045 SHORT SPIGOT REDUCER 500 x 450 mm (PE100 SDR9)
12HT063 LONG SPIGOT 90° TEE 63 mm (PE100 SDR9)
12HT075 LONG SPIGOT 90° TEE 75 mm (PE100 SDR9)
12HT090 LONG SPIGOT 90° TEE 90 mm (PE100 SDR9)
12HT110 LONG SPIGOT 90° TEE 110 mm (PE100 SDR9)
12HT125 LONG SPIGOT 90° TEE 125 mm (PE100 SDR9)
12HT140 LONG SPIGOT 90° TEE 140 mm (PE100 SDR9)
12HT160 LONG SPIGOT 90° TEE 160 mm (PE100 SDR9)
12HT180 LONG SPIGOT 90° TEE 180 mm (PE100 SDR9)
12HT200 LONG SPIGOT 90° TEE 200 mm (PE100 SDR9)

12HT225 LONG SPIGOT 90° TEE 225 mm (PE100 SDR9)
12HT250 LONG SPIGOT 90° TEE 250 mm (PE100 SDR9)



12HT280 LONG SPIGOT 90° TEE 280 mm (PE100 SDR9)
12HT315 LONG SPIGOT 90° TEE 315 mm (PE100 SDR9)
12HTM355 LONG SPIGOT 90° TEE 355 mm (PE100 SDR9)
12HTM400 LONG SPIGOT 90° TEE 400 mm (PE100 SDR9)
12HTM450 LONG SPIGOT 90° TEE 450 mm (PE100 SDR9)
12HTMC355 SHORT SPIGOT 90° TEE 355 mm (PE100 SDR9)
12HTMC400 SHORT SPIGOT 90° TEE 400 mm (PE100 SDR9)
12HTMC450 SHORT SPIGOT 90° TEE 450 mm (PE100 SDR9)
12HTRMC2811 SHORT SPIGOT REDUCING TEE 280 x 110 mm (PE100 SDR9)
12HTRMC2812 SHORT SPIGOT REDUCING TEE 280 x 125 mm (PE100 SDR9)
12HTRMC2814 SHORT SPIGOT REDUCING TEE 280 x 140 mm (PE100 SDR9)
12HTRMC2816 SHORT SPIGOT REDUCING TEE 280 x 160 mm (PE100 SDR9)
12HTRMC2818 SHORT SPIGOT REDUCING TEE 280 x 180 mm (PE100 SDR9)
12HTRMC2820 SHORT SPIGOT REDUCING TEE 280 x 200 mm (PE100 SDR9)
12HTRMC2822 SHORT SPIGOT REDUCING TEE 280 x 225 mm (PE100 SDR9)
12HTRMC2863 SHORT SPIGOT REDUCING TEE 280 x 63 mm (PE100 SDR9)
12HTRMC2875 SHORT SPIGOT REDUCING TEE 280 x 75 mm (PE100 SDR9)
12HTRMC2890 SHORT SPIGOT REDUCING TEE 280 x 90 mm (PE100 SDR9)
12HTRMC3111 SHORT SPIGOT REDUCING TEE 315 x 110 mm (PE100 SDR9)
12HTRMC3112 SHORT SPIGOT REDUCING TEE 315 x 125 mm (PE100 SDR9)
12HTRMC3114 SHORT SPIGOT REDUCING TEE 315 x 140 mm (PE100 SDR9)
12HTRMC3116 SHORT SPIGOT REDUCING TEE 315 x 160 mm (PE100 SDR9)
12HTRMC3118 SHORT SPIGOT REDUCING TEE 315 x 180 mm (PE100 SDR9)
12HTRMC3120 SHORT SPIGOT REDUCING TEE 315 x 200 mm (PE100 SDR9)
12HTRMC3122 SHORT SPIGOT REDUCING TEE 315 x 225 mm (PE100 SDR9)
12HTRMC3125 SHORT SPIGOT REDUCING TEE 315 x 250 mm (PE100 SDR9)
12HTRMC3163 SHORT SPIGOT REDUCING TEE 315 x 63 mm (PE100 SDR9)
12HTRMC3175 SHORT SPIGOT REDUCING TEE 315 x 75 mm (PE100 SDR9)
12HTRMC3190 SHORT SPIGOT REDUCING TEE 315 x 90 mm (PE100 SDR9)
12HTRMC3511 SHORT SPIGOT REDUCING TEE 355 x 110 mm (PE100 SDR9)
12HTRMC3512 SHORT SPIGOT REDUCING TEE 355 x 125 mm (PE100 SDR9)
12HTRMC3514 SHORT SPIGOT REDUCING TEE 355 x 140 mm (PE100 SDR9)
12HTRMC3516 SHORT SPIGOT REDUCING TEE 355 x 160 mm (PE100 SDR9)
12HTRMC3518 SHORT SPIGOT REDUCING TEE 355 x 180 mm (PE100 SDR9)
12HTRMC3520 SHORT SPIGOT REDUCING TEE 355 x 200 mm (PE100 SDR9)
12HTRMC3522 SHORT SPIGOT REDUCING TEE 355 x 225 mm (PE100 SDR9)
12HTRMC3525 SHORT SPIGOT REDUCING TEE 355 x 250 mm (PE100 SDR9)
12HTRMC3590 SHORT SPIGOT REDUCING TEE 355 x 90 mm (PE100 SDR9)

12HTRMC4011 SHORT SPIGOT REDUCING TEE 400 x 110 mm (PE100 SDR9)
12HTRMC4012 SHORT SPIGOT REDUCING TEE 400 x 125 mm (PE100 SDR9)
12HTRMC4014 SHORT SPIGOT REDUCING TEE 400 x 140 mm (PE100 SDR9)
12HTRMC4016 SHORT SPIGOT REDUCING TEE 400 x 160 mm (PE100 SDR9)
12HTRMC4018 SHORT SPIGOT REDUCING TEE 400 x 180 mm (PE100 SDR9)
12HTRMC4020 SHORT SPIGOT REDUCING TEE 400 x 200 mm (PE100 SDR9)
12HTRMC4022 SHORT SPIGOT REDUCING TEE 400 x 225 mm (PE100 SDR9)
12HTRMC4025 SHORT SPIGOT REDUCING TEE 400 x 250 mm (PE100 SDR9)
12HTRMC4028 SHORT SPIGOT REDUCING TEE 400 x 280 mm (PE100 SDR9)
12HTRMC4031 SHORT SPIGOT REDUCING TEE 400 x 315 mm (PE100 SDR9)
12HTRMC4511 SHORT SPIGOT REDUCING TEE 450 x 110 mm (PE100 SDR9)
12HTRMC4512 SHORT SPIGOT REDUCING TEE 450 x 125 mm (PE100 SDR9)
12HTRMC4514 SHORT SPIGOT REDUCING TEE 450 x 140 mm (PE100 SDR9)
12HTRMC4516 SHORT SPIGOT REDUCING TEE 450 x 160 mm (PE100 SDR9)
12HTRMC4518 SHORT SPIGOT REDUCING TEE 450 x 180 mm (PE100 SDR9)
12HTRMC4520 SHORT SPIGOT REDUCING TEE 450 x 200 mm (PE100 SDR9)
12HTRMC4522 SHORT SPIGOT REDUCING TEE 450 x 225 mm (PE100 SDR9)
12HTRMC4525 SHORT SPIGOT REDUCING TEE 450 x 250 mm (PE100 SDR9)
12HTRMC4528 SHORT SPIGOT REDUCING TEE 450 x 280 mm (PE100 SDR9)
12HTRMC4531 SHORT SPIGOT REDUCING TEE 450 x 315 mm (PE100 SDR9)
12HTRMC4535 SHORT SPIGOT REDUCING TEE 450 x 355 mm (PE100 SDR9)
12HTRMC5011 SHORT SPIGOT REDUCING TEE 500 x 110 mm (PE100 SDR9)
12HTRMC5012 SHORT SPIGOT REDUCING TEE 500 x 125 mm (PE100 SDR9)
12HTRMC5014 SHORT SPIGOT REDUCING TEE 500 x 140 mm (PE100 SDR9)
12HTRMC5016 SHORT SPIGOT REDUCING TEE 500 x 160 mm (PE100 SDR9)
12HTRMC5018 SHORT SPIGOT REDUCING TEE 500 x 180 mm (PE100 SDR9)
12HTRMC5020 SHORT SPIGOT REDUCING TEE 500 x 200 mm (PE100 SDR9)
12HTRMC5022 SHORT SPIGOT REDUCING TEE 500 x 225 mm (PE100 SDR9)
12HTRMC5025 SHORT SPIGOT REDUCING TEE 500 x 250 mm (PE100 SDR9)
12HTRMC5028 SHORT SPIGOT REDUCING TEE 500 x 280 mm (PE100 SDR9)
12HTRMC5031 SHORT SPIGOT REDUCING TEE 500 x 315 mm (PE100 SDR9)
12HTRMC5035 SHORT SPIGOT REDUCING TEE 500 x 355 mm (PE100 SDR9)

Category: PIPE, SECTION 4 - PIPES AND RELATED PRODUCTS

Material Type: Polyethylene (PE)

Temperature: Cold (73 °F / 23 °C)

Bracketing

This product covers the testing and evaluation of PM16943

Sample Notes

Please collect (50) 1/2" fittings. Please do not send fittings that contain electrofusion wire.



Wetted Parts List

Customer Name: Nupi Industrie Italiane SpA

Customer Number: 34470

Facility Location: Italy

Facility At: Busto Arsizio (VA), Italy

Facility Number: C0021717

Part Trade Name	Supplier Name	Formulator Name	DCC	Footnotes
BORSAFE™ HE3490-IM	BOREALIS AB		PL04861	
BORSAFE™ HE3490-LS	BOREALIS AG		ES07476	
HOSTALEN CRP 100 RESIST CR BLACK	LYONDELLBASELL INDUSTRIES		IA28239	

Notes

Definitions of Terminology used in this Document:

Trade name: The name given to the ingredient, material or assembly by the company that makes the product.

Supplier: The name of the company that provides an ingredient, material or assembly directly to the company that makes the product covered by this registration. The supplier could be a formulator, distributor, fabricator, molder, extruder, mixer, manufacturer or assembler.

Formulator: The name of the company that prepares a material according to a formula. The formulator and the supplier could be the same company. This field may be blank as this information is only reported when the information is not confidential.

In plant assemblies, compounding and mixing: Components of assemblies, materials (formulated or compounded) or ingredients which are manufactured at this facility are included on

