



Instantor®

Technical Specification
GAS
Copper Press Fittings



Product Code	See next page
Description	Instantor® Copper Press Fittings for Application with 2 nd & 3 rd family Gases. For Copper Tube to EN1057 R250 & R290 and similar grade & O.D's.(NZS3501)
Size Range	Imperial V i Profile Jaw: ½," ¾" & 1" Metric M Profile Jaw: 15mm, 22mm, 28mm 35mm, 42mm & 54mm
Max Operating Pressure:	General=MOP 5 Bar (external and above ground) MOP 1 Bar (inside buildings with fire protection) GASTEC QA = Maximum working pressure 200mBar.
Min Operating Pressure:	0 Bar
Max Operating Temperature	+70°C
Min Operating Temperature	-20°C
Material Specification	Copper (99.9%): CU-DHP – CW024A Brass Alloy: EN12165 CW511L (Dezincification Resistance & Low Lead) Elastomer Seal: Yellow HNBR to EN549 & EN682 O-ring Type GBL Shore hardness 70. Tec H16 GI-70 Giallo/ H3/C3.
Manufactured to:	ISO9001:2015 ISO14001:2015 EN12165. -CEN/TC 133. EN1254-7 KIWA GASTEC QA Approval 186 Press Fittings for Gaseous applications (Cert#110435-01) EN682 & EN549

Products produced from Copper and Brass are **NOT SUITABLE** for below ground use, buried or directly embedded into concrete, gypsum, plaster, or similar aggressive products. Chemical reaction to the copper or brass material must be restricted by suitable protect. Installation must comply with all local Gas Regulations , Building Regulation and codes of practice.

T: 01 842 6255 E: sales@Instantor.ie www.Instantor.ie

Sanbra Fyffe Ltd

Instantor Works, Santry Avenue, Santry, Dublin D09 K160

Doc Ref:TSCPG

Issue V.2 Jan 2024 Page 1 of 3





Product code	Description	Nominal Size Tees: (LxRxM)
CPG310001	Instantor® Copper Press GAS Straight Coupler	½"
CPG310002	Instantor® Copper Press GAS Straight Coupler	¾"
CPG310003	Instantor® Copper Press GAS Straight Coupler	1"
CPG3100S1	Instantor® Copper Press GAS Slip Coupler	½"
CPG3100S2	Instantor® Copper Press GAS Slip Coupler	¾"
CPG3100S3	Instantor® Copper Press GAS Slip Coupler	1"
CPG310021	Instantor® Copper Press GAS Reducing coupler	½"
CPG310031	Instantor® Copper Press GAS Reducing coupler	¾"
CPG310032	Instantor® Copper Press GAS Reducing coupler	1"
CPG311001	Instantor® Copper Press GAS Straight Coupler M.I X PRESS	½" BSP M.I.
CPG311002	Instantor® Copper Press GAS Straight Coupler M.I X PRESS	¾" BSP M.I.
CPG311003	Instantor® Copper Press GAS Straight Coupler M.I X PRESS	1" BSP M.I.
CPG312001	Instantor® Copper Press GAS Straight Coupler F.I X PRESS	½" BSP F.I.
CPG312002	Instantor® Copper Press GAS Straight Coupler F.I X PRESS	¾" BSP F.I.
CPG312003	Instantor® Copper Press GAS Straight Coupler F.I X PRESS	1" BSP F.I.
CPG313001	Instantor® Copper Press GAS Bent coupler swivel	½" BSP F.I.
CPG313002	Instantor® Copper Press GAS Bent coupler swivel	¾" BSP F.I.
CPG314001	Instantor® Copper Press GAS Straight coupler swivel	½" BSP F.I.
CPG314002	Instantor® Copper Press GAS Straight coupler swivel	¾" BSP F.I.
CPG315001	Instantor® Copper Press GAS Elbow	½"
CPG315002	Instantor® Copper Press GAS Elbow	¾"
CPG315003	Instantor® Copper Press GAS Elbow	1"
CPG315021	Instantor® Copper Press GAS Reducing Elbow	¾" x ½"
CPG315031	Instantor® Copper Press GAS Reducing Elbow	1" x ½"
CPG315032	Instantor® Copper Press GAS Reducing Elbow	1" x ¾"
CPG318001	Instantor® Copper Press GAS Equal Tee	½"
CPG318002	Instantor® Copper Press GAS Equal Tee	¾"
CPG318003	Instantor® Copper Press GAS Equal Tee	1"
CPG318211	Instantor® Copper Press GAS Reducing Tee	¾" X ½" X ½"
CPG318212	Instantor® Copper Press GAS Reducing Tee	¾" X ½" X ¾"
CPG318221	Instantor® Copper Press GAS Reducing Tee	¾" x ¾" x ½"
CPG318313	Instantor® Copper Press GAS Reducing Tee	1" X ½" X 1"
CPG318323	Instantor® Copper Press GAS Reducing Tee	1" X ¾" X 1"
CPG318332	Instantor® Copper Press GAS Reducing Tee	1" x 1" x ¾"
CPG319021	Instantor® Copper Press GAS Push in Reducer	¾" x ½"
CPG319031	Instantor® Copper Press GAS Push in Reducer	1" x ½"
CPG319032	Instantor® Copper Press GAS Push in Reducer	1" x ¾"
CPG325001	Instantor® Copper Press GAS Obtuse Street 45 Elbow	½"
CPG325002	Instantor® Copper Press GAS Obtuse Street 45 Elbow	¾"
CPG325003	Instantor® Copper Press GAS Obtuse Street 45 Elbow	1"
CPG335001	Instantor® Copper Press GAS Street Elbow	½"
CPG335002	Instantor® Copper Press GAS Street Elbow	¾"
CPG335003	Instantor® Copper Press GAS Street Elbow	1"
CPG345001	Instantor® Copper Press GAS Obtuse Elbow	½"
CPG345002	Instantor® Copper Press GAS Obtuse Elbow	¾"
CPG345003	Instantor® Copper Press GAS Obtuse Elbow	1"
CPG351001	Instantor® Copper Press GAS Stop End	½"
CPG351002	Instantor® Copper Press GAS Stop End	¾"
CPG351003	Instantor® Copper Press GAS Stop End	1"
Metric Range		
CPG410001	Instantor® Copper Press GAS Straight Coupler	15MM
CPG410002	Instantor® Copper Press GAS Straight Coupler	22MM
CPG410003	Instantor® Copper Press GAS Straight Coupler	28MM
CPG410004	Instantor® Copper Press GAS Straight Coupler	35MM
CPG410005	Instantor® Copper Press GAS Straight Coupler	42MM
CPG410006	Instantor® Copper Press GAS Straight Coupler	54MM
CPG4100S1	Instantor® Copper Press GAS Slip Coupler	15MM
CPG4100S2	Instantor® Copper Press GAS Slip Coupler	22MM

T: 01 842 6255 E: sales@Instantor.ie www.Instantor.ie

Sanbra Fyffe Ltd
 Instantor Works, Santry Avenue, Santry, Dublin D09 K160





CPG4100S3	Instantor® Copper Press GAS Slip Coupler	28MM
CPG411001	Instantor® Copper Press GAS Straight Coupler M.I X PRESS	½" BSP M.I X 15mm
CPG411002	Instantor® Copper Press GAS Straight Coupler M.I X PRESS	¾" BSP M.I X 22mm
CPG411003	Instantor® Copper Press GAS Straight Coupler M.I X PRESS	1" BSP M.I X 28mm
CPG412001	Instantor® Copper Press GAS Straight Coupler F.I X PRESS	½" BSP F.I. X 15mm
CPG412002	Instantor® Copper Press GAS Straight Coupler F.I X PRESS	¾" BSP F.I. X 22mm
CPG412003	Instantor® Copper Press GAS Straight Coupler F.I X PRESS	1" BSP F.I. X 28mm
CPG413001	Instantor® Copper Press GAS Bent coupler swivel M.I X PRESS	15MM X ¾"
CPG413002	Instantor® Copper Press GAS Bent coupler swivel M.I. PRESS	22MM X ¾"
CPG414001	Instantor® Copper Press GAS Straight Coupler SWIVEL F.I X PRESS	15MM X ½"
CPG414002	Instantor® Copper Press GAS Straight Coupler SWIVEL F.I X PRESS	22MM X ¾"
CPG415001	Instantor® Copper Press GAS Elbow	15mm
CPG415002	Instantor® Copper Press GAS Elbow	22mm
CPG415003	Instantor® Copper Press GAS Elbow	28mm
CPG415004	Instantor® Copper Press GAS Elbow	35mm
CPG415005	Instantor® Copper Press GAS Elbow	42mm
CPG415006	Instantor® Copper Press GAS Elbow	54mm
CPG418001	Instantor® Copper Press GAS Equal Tee	15MM
CPG418002	Instantor® Copper Press GAS Equal Tee	22MM
CPG418003	Instantor® Copper Press GAS Equal Tee	28MM
CPG418004	Instantor® Copper Press GAS Equal Tee	35MM
CPG418005	Instantor® Copper Press GAS Equal Tee	42MM
CPG418006	Instantor® Copper Press GAS Equal Tee	54MM
CPG418211	Instantor® Copper Press GAS Reducing Tee	22X15X15
CPG418212	Instantor® Copper Press GAS Reducing Tee	22X15X22
CPG418221	Instantor® Copper Press GAS Reducing Tee	22X22X15
CPG418311	Instantor® Copper Press GAS Reducing Tee	28X28X15
CPG418313	Instantor® Copper Press GAS Reducing Tee	28X15X15
CPG418321	Instantor® Copper Press GAS Reducing Tee	28X22X15
CPG418322	Instantor® Copper Press GAS Reducing Tee	28X22X22
CPG418323	Instantor® Copper Press GAS Reducing Tee	28X22X28
CPG418331	Instantor® Copper Press GAS Reducing Tee	28X28X15
CPG418332	Instantor® Copper Press GAS Reducing Tee	28X28X22
CPG419021	Instantor® Copper Press GAS Push in Reducer	22X15
CPG419031	Instantor® Copper Press GAS Push in Reducer	28X15
CPG419032	Instantor® Copper Press GAS Push in Reducer	28X22
CPG419043	Instantor® Copper Press GAS Push in Reducer	35X28
CPG419054	Instantor® Copper Press GAS Push in Reducer	42X35
CPG419065	Instantor® Copper Press GAS Push in Reducer	54X42
CPG425001	Instantor® Copper Press GAS Obtuse Street 45 Elbow	15MM
CPG425002	Instantor® Copper Press GAS Obtuse Street 45 Elbow	22MM
CPG425003	Instantor® Copper Press GAS Obtuse Street 45 Elbow	28MM
CPG425004	Instantor® Copper Press GAS Obtuse Street 45 Elbow	35MM
CPG425005	Instantor® Copper Press GAS Obtuse Street 45 Elbow	42MM
CPG425006	Instantor® Copper Press GAS Obtuse Street 45 Elbow	54MM
CPG445001	Instantor® Copper Press GAS Obtuse 45 Elbow	15MM
CPG445002	Instantor® Copper Press GAS Obtuse 45 Elbow	22MM
CPG445003	Instantor® Copper Press GAS Obtuse 45 Elbow	28MM
CPG445004	Instantor® Copper Press GAS Obtuse 45 Elbow	35MM
CPG445005	Instantor® Copper Press GAS Obtuse 45 Elbow	42MM
CPG445006	Instantor® Copper Press GAS Obtuse 45 Elbow	54MM
CPG451001	Instantor® Copper Press GAS Stop End	15MM
CPG451002	Instantor® Copper Press GAS Stop End	22MM
CPG451003	Instantor® Copper Press GAS Stop End	28MM
CPG451004	Instantor® Copper Press GAS Stop End	35MM
CPG451005	Instantor® Copper Press GAS Stop End	42MM
CPG451006	Instantor® Copper Press GAS Stop End	54MM

T: 01 842 6255 E: sales@Instantor.ie www.Instantor.ie

Sanbra Fyffe Ltd

Instantor Works, Santry Avenue, Santry, Dublin D09 K160



QUALITY
 ISO 9001:2015
 NSAI Certified