

INDUSTRIAL APPLICATION GUIDE



DUCTING & VENTILATION



161BL Air ducting - UL 94 V2



163AL General purpose



174BB Air ducting - high temperature +100 °C (+212 °F) - UL 94 V0



178AA Air ducting - high temperature +120 °C (+248 °F)



17100 Air ducting - polyurethane - gauge 0,4 mm



17200 Air ducting - polyurethane - gauge 0,8 mm



17300 Air ducting - polyurethane - gauge 1,2 mm



17700 Air ducting - polyurethane - gauge 1,7 mm

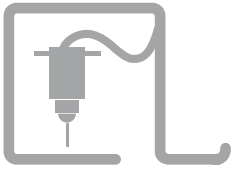




GAS & WELDING

-  **081AE** Oxygen 20 bar (300 psi)
-  **081AH** Acetylene 20 bar (300 psi)
-  **088AI** LPG-natural gas 25 bar (375 psi)
-  **089AE** LPG-natural gas 10 bar (150 psi) - UNI CIG 7140
-  **089AL** LPG-natural gas 10 bar (150 psi) - UNI CIG 7140
-  **076AE** Oxygen welding 20 bar (300 psi) - EN 559
-  **076AH** Acetylene welding 20 bar (300 psi) - EN 559
-  **076AI** LPG welding 20 bar (300 psi) - EN 559
-  **076EH** Oxygen/acetylene twin welding 20 bar (300 psi) - EN 559
-  **076EI** Oxygen/LPG twin welding 20 bar (300 psi) - EN 559
-  **071AE** Oxygen welding 12 bar (180 psi) - AS 1335
-  **071AH** Oxygen welding 12 bar (180 psi) - AS 1335
-  **078AI** LPG-natural gas 26 bar (390 psi) - AS/NZS 1869/C
-  **071EH** Oxygen/acetylene twin welding 12 bar (180 psi) - AS 1335
-  **078EI** Oxygen/LPG 26 bar (390 psi) - AS/NZS 1869/C

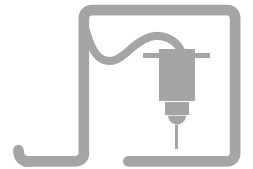




COMPRESSED AIR

	195AT	Compressed air 20 bar (300 psi) - polyurethane - pneumatic tools
	191AK	Compressed air 20 bar (300 psi) - PVC - exceeds AS/NZS 2554/B
	192AE	Compressed air 16 bar (240 psi) - PVC - AS/NZS 2554/B
	180AA	Compressed air 20 bar (300 psi)
	185AA	Compressed air 20 bar (300 psi) - standard duty - exceeds DIN 20018/1
	185AH	Compressed air 20 bar (300 psi) - standard duty
	185AK	Compressed air 20 bar (300 psi) - standard duty
	186AA	Compressed air 20 bar (300 psi) - heavy duty
	175AA	Compressed air 20 bar (300 psi) - standard duty
	175AH	Compressed air 20 bar (300 psi) - standard duty
	175AK	Compressed air 20 bar (300 psi) - standard duty
	176AA	Compressed air 20 bar (300 psi) - heavy duty
	154AA	Air-water delivery 10 bar (150 psi)
	155AA	Compressed air 20 bar (300 psi) - heavy duty
	155AK	Compressed air 20 bar (300 psi) - heavy duty
	130AK	Compressed air 40 bar (600 psi) - steel reinforced
	133AK	Compressed air 40 bar (600 psi) - high temperature - steel reinforced
	132AE	Compressed air 80 bar (1200 psi) - high temperature - steel braided
	179AA	Push-loc/push-on
	179AB	Push-loc/push-on
	165AA	Air brake 10 bar (150 psi) - DIN 74310
	166AA	Air brake 20 bar (300 psi) - SAE J1402
	160AA	Railway air brake 20 bar (300 psi) - BS 3682/1 AS 2435 UNE 25289 UIC 830-1/V

COMPRESSED AIR





HOT AIR



952AA Hot air blower 10 bar (150 psi) - soft wall - external textile braid



952LA Hot air blower 10 bar (150 psi) - soft wall - external textile braid



952LE Hot air blower 10 bar (150 psi) - soft wall



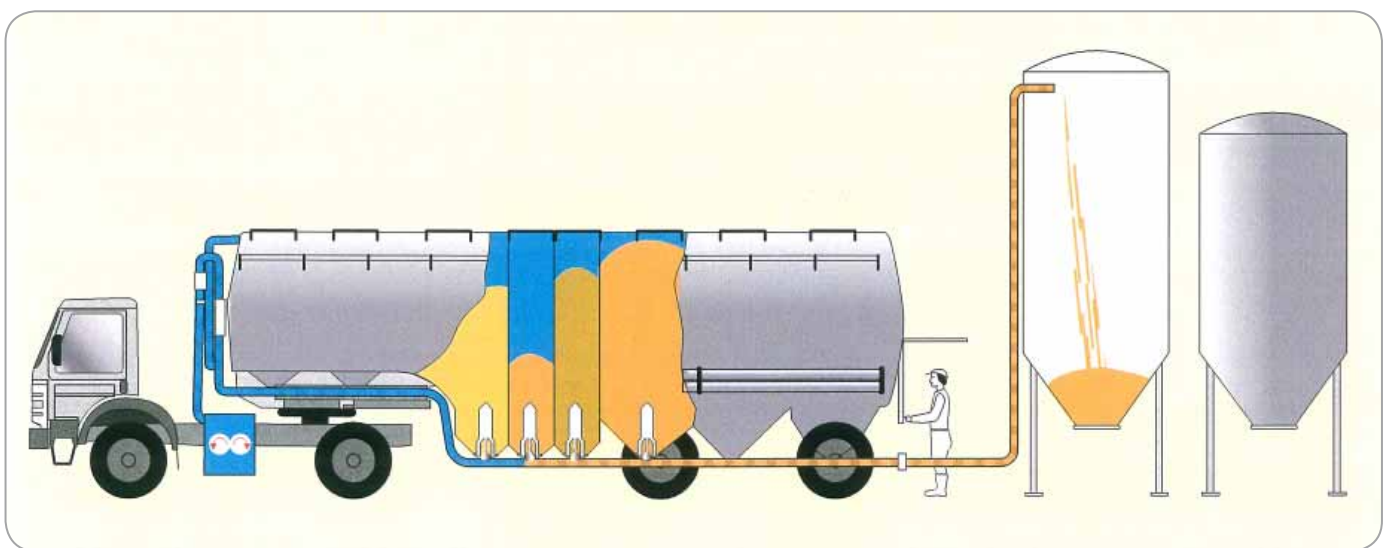
902AA Hot air blower 10 bar (150 psi) - hard wall



902AE Hot air blower 10 bar (150 psi) - hard wall

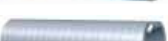
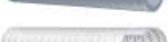


902LE Hot air blower 10 bar (150 psi) - hard wall



WATER & LIQUIDS



	292AK	Garden irrigation - PVC
	292GG	Garden irrigation - PVC
	291KG	Antitorsion garden irrigation - PVC
	293LK	Premium antitorsion garden irrigation - PVC
	490OO	General purpose tubing - PVC - FDA 90/128/EC A+B+C AS 2070
	491OO	General purpose food quality - PVC - FDA 90/128/EC A+B+C AS 2070
	284AA	Water delivery 10 bar (150 psi)
	284AH	Water delivery 10 bar (150 psi)
	286EE	Water discharge - PVC - lay flat - standard duty
	288HH	Water discharge - PVC - lay flat - heavy duty
	250AA	Water discharge 5 bar (75 psi) - lay flat
	253AA	Water discharge 10 bar (150 PSI) - lay flat
	254AA	Air-water delivery 10 bar (150 PSI)
	254AH	Air-water delivery 10 bar (150 psi)
	256AA	Water-irrigation 18 bar (270 psi) - heavy duty
	264GL	Water S&D - PVC - light duty
	266GL	Water S&D - PVC - standard duty
	266KL	Water S&D - PVC - standard duty - FDA 90/128/EC A+B+C AS 2070
	266BL	Water S&D - PVC - standard duty
	266OL	Water S&D - PVC - standard duty - super elastic
	265TH	Water-slurry S&D - PVC - standard duty - super elastic
	267BE	Water-slurry S&D - PVC - medium duty - super elastic
	268BL	Water-abrasive slurry S&D - PVC - heavy duty
	470OO	General purpose food quality S&D - PVC - FDA 90/128/EC A+B+C AS 2070
	473OO	General purpose food quality S&D - PVC - heavy duty - FDA 90/128/EC A+B+C AS 2070
	204AA	Water S&D 5 bar (75 psi)
	203AA	Water S&D 10 bar (150 psi)
	220AA	Water-slurry S&D - corrugated - soft ends
	268LL	Pools-SPA water circulation
	248AE	High pressure water delivery 100 bar (1500 psi) - snow maker - steel braided

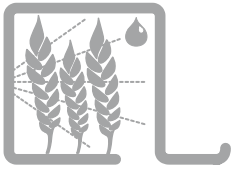


WATER & LIQUIDS



WATER & LIQUIDS





AGRICULTURE



180AA Compressed air 20 bar (300 psi)



591AE Crop spraying 40 bar (600 psi) - PVC



593AK Crop spraying 80 bar (1200 psi) - PVC



266OA Air seeder - PVC



702AA Air seeder



FIRE FIGHTING



283AA Fire reel 12 bar (180 psi) - EN 694/A2



283AH Fire reel 12 bar (180 psi) - EN 694/A2



257AA Fire reel 15 bar (225 psi) - exceeds BS 3169/A1



251AA Fire reel 40 bar (600 psi) - textile braided - NF EN 1947/C/1/II



212AA Fire engine water S&D 5 bar (75 psi) - NF EN ISO 14557/A



210AA Fire engine water S&D 5 bar (75 psi) - corrugated - soft ends - EN ISO 14557/A





FURNACE & CABLE COOLING



249LE Air-water delivery 10 bar (150 psi) - non conductive



254AL Furnace cooling 10 bar (150 psi) - soft wall



203AL Furnace cooling 10 bar (150 psi) - hard wall



957LL Cable cooling 10 bar (150 psi) - non conductive

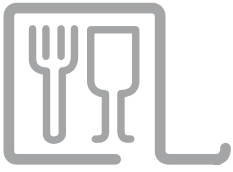


HOT WATER & STEAM



-  **375AA** Hot water-car heater 10 bar (150 psi)
-  **352AA** Radiator 5 bar (75 psi) - exceeds DIN 73411
-  **351AA** Hot water 10 bar (150 psi)
-  **395BT** Hot water wash down 50 bar (750 psi)
-  **351LL** Hot water wash down 10 bar (150 psi) - built in nozzle
-  **351LG** Hot water wash down 10 bar (150 psi) - built in nozzle
-  **350AA** Steam 7 bar (100 psi)-hot water 15 bar (225 psi) - exceeds BS 5122/A2
-  **350LL** Steam 7 bar (100 psi)-hot water 15 bar (225 psi) - exceeds BS 5122/A2 FDA
-  **350LE** Steam 7 bar (100 psi)-hot water 15 bar (225 psi) - exceeds BS 5122/A2 FDA
-  **330AA** Saturated steam 17 bar (250 psi) - steel reinforced - BS 5342/2A NFT 47263/I3
-  **330AH** Saturated steam 17 bar (250 psi) - steel reinforced - BS 5342/2A NFT 47263/I3
-  **333AA** Saturated steam 17 bar (250 psi) - oil resistant - steel reinforced - BS 5342/2B NFT 47263/II3
-  **331AA** Saturated-superheated steam 17 bar (250 psi) - steel reinforced - BS 5342/2A NFT 47263/I3
-  **331AH** Saturated-superheated steam 17 bar (250 psi) - steel reinforced - BS 5342/2A NFT 47263/I3





LIQUID FOOD



49000 General purpose tubing - PVC - FDA 90/128/EC A+B+C AS 2070



49100 General purpose food quality - PVC - FDA 90/128/EC A+B+C AS 2070



4660L Liquid food S&D - PVC - standard duty - FDA 90/128/EC A+B+C AS 2070



4680H Liquid food S&D - PVC - heavy duty - FDA 90/128/EC A+B+C AS 2070



47000 General purpose food quality S&D - PVC - FDA 90/128/EC A+B+C AS 2070



47300 General purpose food quality S&D - PVC - heavy duty - FDA 90/128/EC A+B+C AS 2070



452LH Liquid food delivery 10 bar (150 psi) - FDA



402LH Liquid food S&D 10 bar (150 psi) - FDA



408LL Alcoholic beverages S&D 16 bar (240 psi) - crush resistant - FDA



412LE Milk tanker 10 bar (150 psi) - hard wall - FDA



455LE Fat food delivery 10 bar (150 psi) - FDA



455LL Fat food delivery 10 bar (150 psi) - FDA



405LE Fat food S&D 10 bar (150 psi) - FDA



405LL Fat food S&D 10 bar (150 psi) - FDA

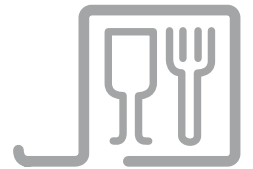


405LH Fat food S&D 10 bar (150 psi) - FDA



407LE Fat food S&D 16 bar (240 psi) - crush resistant - FDA

LIQUID FOOD





BULK FOOD



760LA Bulk food delivery 5 bar (75 psi) - FDA



760LB Bulk food delivery 5 bar (75 psi) - FDA



766LA Bulk food delivery 10 bar (150 psi) - FDA



720LA Bulk food S&D 10 bar (150 psi) - FDA



720LG Bulk food S&D 10 bar (150 psi) - FDA



967OL Fish handling - PVC - super elastic



949AA Fish pump 3 bar (45 psi)



BULK MATERIALS



760AA Bulk material delivery 5 bar (75 psi)



766AA Bulk material delivery 10 bar (150 psi)



720AA Bulk material S&D 10 bar (150 psi)



713AA Bulk material S&D 5 bar (75 psi) - corrugated - soft ends



700AA Bulk material suction - corrugated

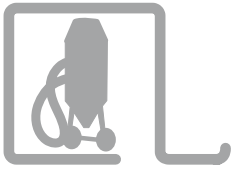


767AA Bulk material S&D - PVC - polyurethane lined



780AA Bulk material S&D - PVC - INDUS AR





SANDBLAST & GUNITE



750AA Sandblast 10 bar (150 psi)



750AH Sandblast 10 bar (150 psi)



750AG Sandblast 10 bar (150 psi)



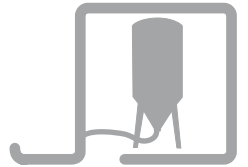
753AA Sandblast - premium quality - 10 bar (150 psi)



759AK Gunite 10 bar (150 psi)



PLASTER



764OL Plaster conveyance - polyurethane



752AA Plaster 10 bar (150 psi)



757AA Plaster 40 bar (600 psi)



739AA Plaster 40 bar (600 psi) - steel reinforced



758AA Plaster 55 bar (800 psi)



758AE Plaster 55 bar (800 psi)





CONCRETE



754AA Concrete vibrator 10 bar (150 psi)



737AA Concrete pumping 40 bar (600 psi)



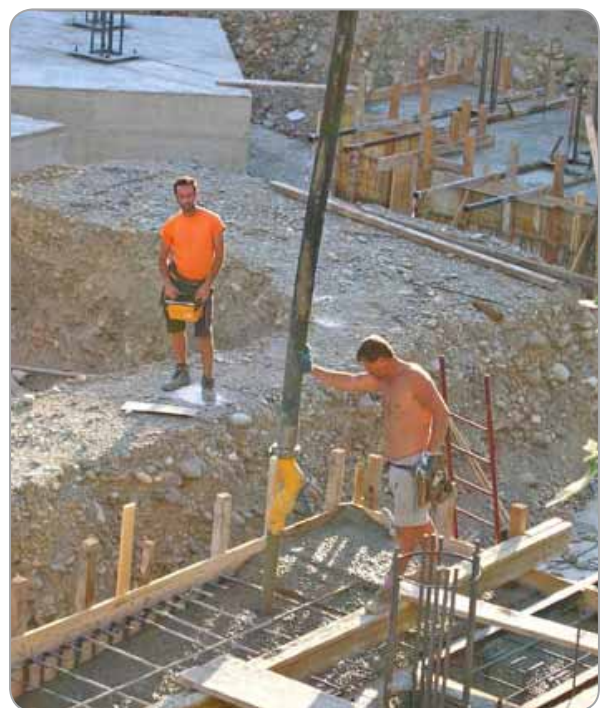
738AA Concrete pumping 55 bar (800 psi)



740AA Concrete pumping 85 bar (1275 psi) - heavy duty - steel reinforced



741AA Concrete pumping 85 bar (1275 psi) - extra service - steel reinforced



ACID, CHEMICAL & MULTIPURPOSE

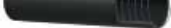


	984AH	Multipurpose 20 bar (300 psi)
	974AH	Multipurpose 17 bar (250 psi) - non conductive
	975AH	Multipurpose 20 bar (300 psi) - non conductive
	954AH	Multipurpose 20 bar (300 psi) - non conductive
	976AB	General purpose 20 bar (300 psi) - EPDM
	956AB	General purpose 20 bar (300 psi) - EPDM
	953AE	General purpose 20 bar (300 psi) - EPDM
	202AA	General purpose S&D 10 bar (150 psi) - EPDM
	503AA	Acid-chemical S&D 16 bar (240 psi) - EPDM - exceeds EN 12115
	505OG	Acid-chemical S&D 16 bar (240 psi) - XLPE
	509AA	Acid-chemical S&D 10 bar (150 psi) - UHMWPE - EN 12115
	509OE	Acid-chemical S&D 16 bar (240 psi) - UHMWPE - FDA
	5J551	Acid-chemical S&D 10 bar (150 psi) - standard duty - BS 5842 arrêté ADR annexe 1
	5J553	Acid-chemical S&D 10 bar (150 psi) - standard duty - BS 5842 arrêté ADR annexe 1
	5N551	Acid-chemical S&D 14 bar (200 psi) - heavy duty - BS 5842 arrêté ADR annexe 1
	5N331	Acid-chemical S&D 14 bar (200 psi) - heavy duty - PTFE - BS 5842 arrêté ADR annexe 1
	5N333	Acid-chemical S&D 14 bar (200 psi) - heavy duty - PTFE - BS 5842 arrêté ADR annexe 1
	5J533	Tank cleaning 10 bar (150 psi) - BS 5842 arrêté ADR annexe 1



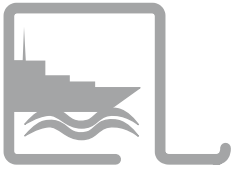


HYDROCARBONS

	687AA	Automotive fuel 7 bar (100 psi) - DIN 73379/2A
	689AA	Automotive fuel 10 bar (150 psi) - external textile braid
	688AA	Diesel oil delivery 15 bar (225 psi) - external steel braid
	680AA	Fuel-oil delivery 10 bar (150 psi)
	671AA	Fuel-oil delivery 16 bar (240 psi)
	650AA	Fuel-oil delivery 10 bar (150 psi) - TRbF 131/2
	650AH	Fuel-oil delivery 10 bar (150 psi)
	650AB	Fuel-oil delivery 10 bar (150 psi)
	668EL	Fuel-oil S&D - PVC - heavy duty
	673AA	Fuel-oil S&D 10 bar (150 psi) - PVC - heavy duty
	601AA	Oil rigger S&D 10 bar (150 psi)
	605AA	Fuel-oil S&D 10 bar (150 psi)
	605AH	Fuel-oil S&D 10 bar (150 psi)
	610AA	Tank truck 5 bar (75 psi) - corrugated - soft ends
	6J541	Fuel-oil S&D 10 bar (150 psi) - light duty - BS 3492/BX BS 5842 arrêté ADR annexe 1
	6J511	Fuel-oil S&D 10 bar (150 psi) - standard duty - BS 3492/BX BS 5842 arrêté ADR annexe 1
	655AA	Fuel-oil delivery 16 bar (240 psi) - exceeds EN 1761 TRbf 131/2
	609AA	Fuel-oil S&D 16 bar (240 psi) - exceeds EN 1761 TRbf 131/2
	6N111	Fuel-oil S&D 14 bar (200 psi) - heavy duty - high temperature +100 °C (+212 °F) BS 3492/BX BS 5842 arrêté ADR annexe 1
	658AA	Domestic fuel reeling 16 bar (240 psi) - textile braided - EN 1360 TRbf 131/2
	659AA	LPG delivery 25 bar (375 psi) - textile braided - EN 1762/DM
	656AA	Aircraft ground fuelling 20 bar (300 psi) - EN 1361 API 1529
	611AA	Aircraft ground fuelling-defuelling 20 bar (300 psi) - EN 1361 API 1529
	614AA	Hot tar 10 bar (150 psi)
	604AA	Oil suction & return - exceeds SAE 100R4
	634AA	Oil suction & return - extra flexible - exceeds SAE 100R4
	644AA	Oil suction & return - extra flexible - high temperature - exceeds SAE 100R4

HYDROCARBONS





MARINE



266LL Marine sanitary hose - PVC



470LL Marine sanitary hose - steel helix wire



202AL Marine sanitary hose 10 bar (150 psi)



653AA Marine exhaust - soft wall - SAE J2006/R1 ISO 13363/1/A+B



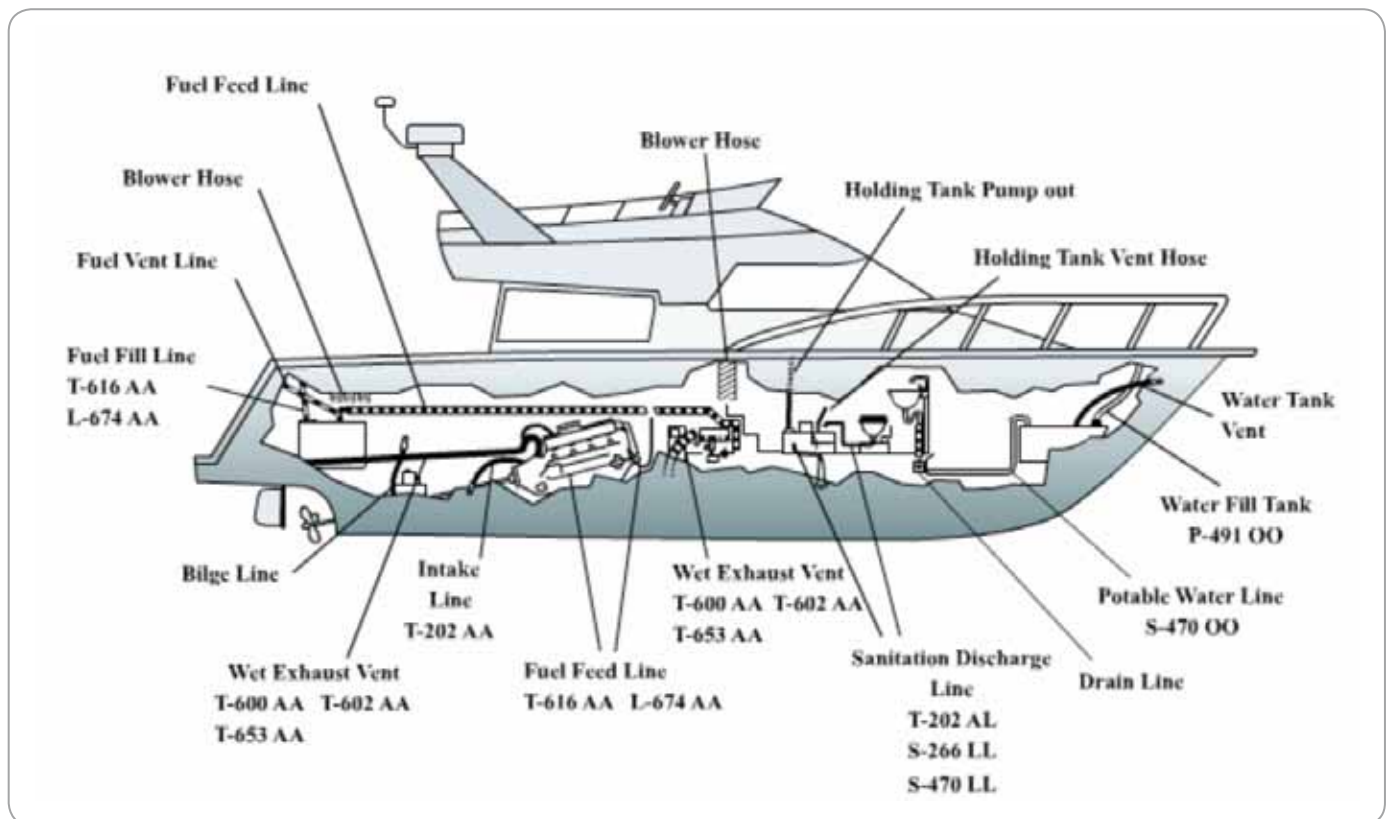
621AA Marine exhaust - hard wall - SAE J2006/R2 ISO 13363/2/A+B

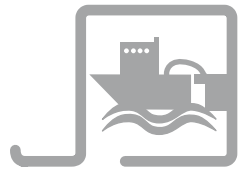


674AA Marine fuel - soft wall - ISO 7840/A1 94/25/CE 2003/44/EC



616AA Marine fuel-exhaust - hard wall - ISO 7840/A2 94/25/CE 2003/44/EC





60LAA Fuel-oil S&D 7 bar (100 psi) - EN 1765/S7



60AAA Fuel-oil S&D 7 bar (100 psi) - EN 1765/S7



60MAA Fuel-oil S&D 10 bar (150 psi) - EN 1765/S10



60DAA Fuel-oil S&D 10 bar (150 psi) - EN 1765/S10



64AAA Fuel-oil delivery 10 bar (150 psi) - EN 1765/L10



60NAA Fuel-oil S&D 15 bar (225 psi) - EN 1765/S15



60GAA Fuel-oil S&D 15 bar (225 psi) - EN 1765/S15



64DAA Fuel-oil delivery 15 bar (225 psi) - EN 1765/L15

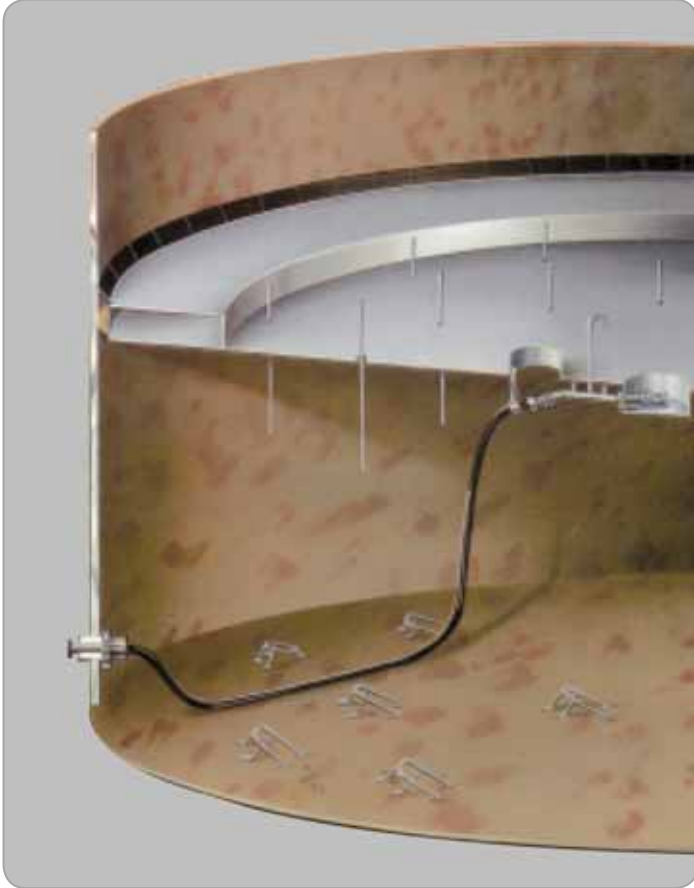




FLOATING ROOF TANK DRAIN



906AA Roof drain 10 bar (150 psi)



RIG SUPPLY



-  **642AA** Rig supply soft wall - fuel-liquid mud 10 bar (150 psi)
-  **646AA** Rig supply soft wall - fuel-liquid mud 16 bar (240 psi) - end load resistance 6.000 kg
-  **648AA** Rig supply soft wall - fuel-liquid mud 20 bar (300 psi) - end load resistance 8.000 kg
-  **652AA** Rig supply soft wall - fuel-liquid mud - end load resistance 10.000 kg
-  **615AA** Rig supply hard wall - fuel-liquid mud
-  **742AA** Rig supply soft wall - bulk material 10 bar (150 psi)
-  **748AA** Rig supply soft wall - bulk material 20 bar (300 psi) - end load resistance 8.000 kg
-  **715AA** Rig supply hard wall - bulk material 10 bar (150 psi)
-  **727AA** Drilling waste - hard wall 10 bar (150 psi) - end load resistance 26.000 kg
-  **442LI** Rig supply soft wall - potable water 10 bar (150 psi) - FDA
-  **448LI** Rig supply soft wall - potable water 20 bar (300 psi) end load resistance 8.000 kg - FDA
-  **415LI** Rig supply hard wall - potable water 10 bar (150 psi) - FDA
-  **230AH** Firewater 20 bar (300 psi)
-  **953AE** General purpose 20 bar (300 psi) - EPDM





MINING

	151AA	Compressed air 20 bar (300 psi) - heavy duty mining
	151AK	Compressed air 20 bar (300 psi) - heavy duty mining
	157AA	Compressed air 27 bar (400 psi) - heavy duty mining
	157AK	Compressed air 27 bar (400 psi) - heavy duty mining
	189AK	Air-water delivery - PVC - FRAS - AS 2660/A AS/NZS 2554/A
	136AK	Compressed air - water 70 bar (1000 psi) - steel reinforced
	131AA	Compressed air 70 bar (1000 psi) - steel reinforced - FRAS - exceeds AS 2660/B
	170AA	Compressed air 100 bar (1500 psi) - steel braided
	289GG	Mine dewatering - PVC - lay flat
	240AA	Air-water delivery 20 bar (300 psi) - FRAS - exceeds AS 2660/B
	241AA	Air-water delivery 35 bar (525 psi) - FRAS - exceeds AS 2660/B
	225AA	General purpose S&D 10 bar (150 psi) - FRAS - exceeds AS 2660/C
	245AA	General purpose delivery & light suction - 27 bar (400 psi) - crush resistant - FRAS - exceeds AS 2660/B
	226AA	Multipurpose S&D 20 bar (300 psi) - exceeds BCS 352
	242AA	Multipurpose delivery 20 bar (300 psi) - exceeds BCS 182
	756AA	Gunit 14 bar (200 psi) - FRAS - exceeds AS 2660/C
	765AA	Stone dust 7 bar (100 psi) - FRAS - AS 2660/C
	707AA	Abrasive slurry S&D 10 bar (150 psi) - muff couplings
	706AA	Abrasive slurry S&D 10 bar (150 psi) - muff couplings
	776AA	Mineral sampling 35 bar (525 psi)
	776JA	Mineral sampling 35 bar (525 psi)
	714JA	Drill cuttings suction 5 bar (75 psi) - corrugated - AS 2187/2
	660AA	Nitro blast loading - AS 2187-2
	612AA	Nitro blast handling 20 bar (300 psi)
	964AA	Cable protection - FRAS - AS 1802 AS 2660

MINING

