

/ FlexNet™ Flexible Pipes



→ FlexNet™ Technical Data

FlexNet™	Inside Diameter (mm)	Wall Thickness (mm)	Outside Diameter (mm)	Max. Working Pressure (bar)
2" / 51mm	51.5	0.75	53.2	2.5
3" / 78mm	78.3	0.75	80.0	2.0
4" / 102mm	102.5	0.75	104.2	1.7
5" / 129mm	129.0	0.75	130.5	1.5
6" / 163mm	163.0	0.75	164.7	1.4
8" / 209mm	209.0	0.75	210.7	1.0
10" / 260mm	260.0	0.75	261.7	0.8
12" / 320mm	320.0	0.75	321.7	0.65

→ FlexNet™ Packaging Data

FlexNet™	Coil Length (m)	Dimensions Width x Diameter (cm x cm)	Coil Weight Blank / With Connectors (kg)	Coils Per Pallet (units)	Coil Length (m)	Dimensions Width x Diameter (cm x cm)	Coil Weight Blank / With Connectors (kg)	Coils Per Pallet With Connectors / Blank (Units)
2" / 51mm	100	10.0 x 70	12/14	20	50	10.0 x 55	6/7	20 / 30
3" / 78mm	100	14.2 x 70	17/19	14	50	14.2 x 55	9/10	14 / 21
4" / 102mm	100	18.5 x 70	21/23	12	50	18.5 x 55	11/12	12 / 18
5" / 129mm	100	22 x 70	26/27	10	50	22 x 55	13/14	10 / 15
6" / 163mm	100	27.5 x 70	32/34	8	50	27.5 x 55	16/17	8 / 12
8" / 209mm	100	33.5 x 70	40/41	6	50	33.5 x 55	20/21	6 / 9
10" / 260mm	100	42.5 x 70	49/50	4	50	42.5 x 55	25/26	4 / 6
12" / 320mm	100	51.5 x 70	60/61	4	50	51.5 x 55	30/31	4 / 6

* Coils dimensions may vary if the spacing between the integral connectors is less than 1m

→ FlexNet HP™ Technical Data

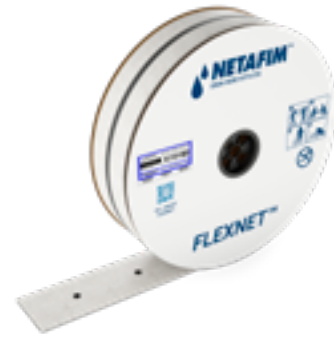
FlexNet™ HP	Inside Diameter (mm)	Wall Thickness (mm)	Outside Diameter (mm)	Max. Working Pressure (bar)
2" / 51mm	51.5	1.1	53.7	4.0
3" / 78mm	78.3	1.1	80.5	4.0
4" / 102mm	102.5	1.1	104.7	4.0
5" / 129mm	129	1.1	129.0	3.0
6" / 163mm	163.0	1.1	165.2	2.8
8" / 209mm	209.0	1.1	210.7	2.0

→ FlexNet HP™ Packaging Data

FlexNet™ HP	Coil Length (m)	Dimensions Width x Diameter (cm x cm)	Coil Weight Blank / With Connectors (kg)	Coils Per Pallet (units)	Coil Length (m)	Dimensions Width x Diameter (cm x cm)	Coil Weight Blank / With Connectors (kg)	Coils Per Pallet With Connectors / Blank (Units)
2" / 51mm	100	9.0 x 70	17/19	20	50	9.0 x 55	9/10	20
3" / 78mm	100	14.0 x 70	24/26	14	50	14.0 x 55	13/14	14
4" / 102mm	100	18.5 x 70	31/32	12	50	18.5 x 55	16/17	12
5" / 129mm	100	22.0 x 70	38/39	10	50	22.0 x 55	17/18	10
6" / 163mm	100	27.5 x 70	47/48	8	50	27.5 x 55	24/25	8
8" / 209mm	100	33.5 x 70	58/59	6	50	33.5 x 55	29/30	6

→ FlexNet™ Catalog Numbers

FlexNet™	Blank Pipe 50meter	Blank Pipe 100meter
2" / 51mm	43002-000177	43002-000179
3" / 78mm	43002-000197	43002-000199
4" / 102mm	43002-000203	43002-000205
5" / 129mm	43002-000006	43002-000005
6" / 163mm	43002-000220	43002-000222
8" / 209mm	43002-000230	43002-000237
10" / 260mm	43002-000247	43002-000257
12" / 320mm	43002-000267	43002-000277



→ FlexNet™ Pipes With Integral Welded Connectors

FlexNet™	0.50m Between Connections		0.70m Between Connections		0.75m Between Connections	
	50meter	100meter	50meter	100meter	50meter	100meter
2"/51mm	43002-000410	43002-000420	43002-000440	43002-000450	43002-000470	43002-000480
3"/78mm	43002-001050	43002-001060	43002-001848	43002-001850	43002-001858	43002-001860
4"/102mm	43002-002519	43002-002523	43002-002550	43002-002552	43002-002555	43002-002557
5"/129mm						
6"/163mm		43002-003300	43002-003918	43002-003920		43002-003935
8"/209mm					43002-004990	43002-005000
10"/260mm						

→	0.80m Between Connections		0.90m Between Connections		1.00m Between Connections	
	50meter	100meter	50meter	100meter	50meter	100meter
2"/51mm	43002-000500	43002-000510	43002-000560	43002-000570	43002-000590	43002-000600
3"/78mm		43002-001863	43002-001888	43002-001890	43002-001898	43002-001900
4"/102mm	43002-002562	43002-002564	43002-002568	43002-002570	43002-002590	43002-002600
5"/129mm						
6"/163mm			43002-003938	43002-003940		
8"/209mm						
10"/260mm						

→	1.40m Between Connections		1.50m Between Connections		1.60m Between Connections	
	50meter	100meter	50meter	100meter	50meter	100meter
2"/51mm	43002-000650	43002-000660	43002-000680	43002-000690		
3"/78mm	43002-001998	43002-002000	43002-002010	43002-002012	43002-002015	43002-002017
4"/102mm	43002-003001	43002-003000	43002-003030	43002-003032		43002-003090
5"/129mm		43002-000002		43002-000003		43002-000004
6"/163mm	43002-003984	43002-003990	43002-003997	43002-004000	43002-004020	43002-004030
8"/209mm			43002-005010	43002-005020		
10"/260mm						

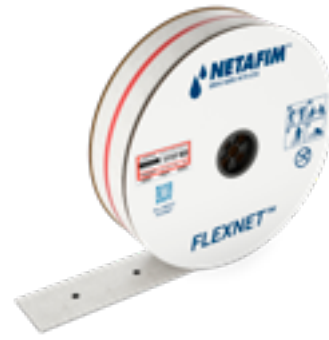
* Missing catalog numbers available upon request

** Other distances and configurations between integral welded connectors available upon request

Additional catalog numbers can be configured by the FlexNet™ on-line configurator: <http://productconfig.netafim.com/>

→ FlexNet HP™ Blank Pipes Catalog Numbers

FlexNet HP™	Blank Pipe 50meter	Blank Pipe 100meter
2" / 51mm	43000-000510	43000-000530
3" / 78mm	43000-000550	43000-000560
4" / 102mm	43000-000580	43000-000600
5" / 129mm	43000-000025	43000-000026
6" / 163mm	43000-000650	43000-000670
8" / 209mm	43000-000675	43000-000680



→ FlexNet HP™ Pipes With Integral Welded Connectors

FLEXNET HP™	0.50m Between Connections		1.00m Between Connections		1.20m Between Connections	
	50meter	100meter	50meter	100meter	50meter	100meter
2" / 51mm	43000-006100	43000-006200	43000-006760	43000-006800		
3" / 78mm	43000-009460	43000-009470	43000-008504	43000-010015		43000-010030
4" / 102mm	43000-011850	43000-013870				43000-014035
5" / 129mm						
6" / 163mm						
8" / 209mm			43000-015100	43000-015102		

→	1.50m Between Connections		1.80m Between Connections		1.93m Between Connections	
	50meter	100meter	50meter	100meter	50meter	100meter
2" / 51mm			43000-006940			
3" / 78mm		43000-010050	43000-008600	43000-010100		
4" / 102mm	43000-012050	43000-014050	43000-012100	43000-014100	43000-012200	
5" / 129mm	43000-000027	43000-000028				
6" / 163mm		43000-015003				
8" / 209mm						

→	5.00m Between Conns.	8.00m Between Connections		10.00m Between Connections	
	100meter	50meter	100meter	50meter	100meter
2" / 51mm	43000-007240		43000-007275	43000-007320	43000-007360
3" / 78mm		43000-008780	43000-010280	43000-008800	43000-010300
4" / 102mm		43000-012270	43000-014270		43000-014300
5" / 129mm					
6" / 163mm					
8" / 209mm					

* Missing catalog numbers available upon request



** Other distances and configurations between integral welded connectors available upon request

Additional catalog numbers can be configured by the FlexNet™ on-line configurator: <http://productconfig.netafim.com/>

/ FlexNet™ To Dripline Connectors

To use with integral welded connectors

→ Start Connectors For 12mm TWD/MWD Driplines

Product Picture	Product Description	Catalog Number	FlexNet™	FlexNet HP™
	FAST ELBOW 12 W/BBLUE RING MTH ½"	32500-003360	✓	✓
	FAST TEE 12 W/BBLUE RINGS MTH ½"	32500-002565	✓	✓

→ Start Connectors For 16mm TWD/MWD Driplines





Product Picture	Product Description	Catalog Number	FlexNet™	FlexNet HP™
	FAST ELBOW 16 W/BBLUE RING MTH ½"	32500-015381	✓	✓
	FAST TEE 16 W/BBLUE RINGS MTH ½"	32500-015341	✓	✓
	FAST ELBOW 16 W/O RING MTH ½"	32500-015380	✓	✓
	FAST TEE 16 W/O RINGS MTH ½"	32500-015340	✓	✓
	WHITE RING 16 FOR MWD	32500-017600	✓	✓
	BLACK FLAT RING FOR HWD	32000-006950	✓	✓
	TL ELBOW 16 MTH ½"	32520-000160	✓	✓
	TL TEE 16 MTH ½"	32520-000260	✓	✓

TWD - Thin Wall Driplines
MWD - Medium Wall Driplines



→ Start Connectors For 22 & 25mm TWD/MWD Driplines

Product Picture	Product Description	Catalog Number	FlexNet™	FlexNet HP™
	FAST ELBOW 22 W/BLUE RING MTH ½"	32500-034020	✓	✓
	FAST TEE 22 W/BLUE RINGS MTH ½"	32500-034120	✓	✓
	FAST ELBOW 22 W/O RING MTH ½"	32500-034000	✓	✓
	FAST TEE 22 W/O RINGS MTH ½"	32500-034100	✓	✓
	WHITE RING 22 FOR MWD	32500-017740	✓	✓
	TL ELBOW 22 MTH ½"	32520-000180	✓	✓
	TL TEE 22 MTH ½"	32520-000280	✓	✓
	FAST ELBOW 25 W/BLACK RING MTH ½"	32500-034220	✓	✓
	FAST TEE 25 W/BLACK RINGS MTH ½"	32500-034320	✓	✓

→ Start Connectors For 16/17mm HWD Driplines

Product Picture	Product Description	Catalog Number	FlexNet™	FlexNet HP™
	TL HWD ELBOW 16 MTH ½"	32530-000150	✓	✓
	TL HWD TEE 16 MTH ½"	32530-000250	✓	✓
	BARB ELBOW 16 MTH ½"	32500-012700	✓	✓
	BARB TEE 16 MTH ½"	32500-011600	✓	✓

→ FlexNet™ Complementary Products

Product Picture	Product Description	Catalog Number	FlexNet™	FlexNet HP™
	FXN PLUG ½" MTH+O RING/50 BAG	42000-027105	✓	✓
	FXN PLUG ½" MTH+O RING/100 BAG	42000-027110		
	NETAFIX NFP PUNCTURE FIX KIT BOX	42000-007000	✓	✓
	NETAFIX NFP SPARE PARTS /20 BAG	42000-007010		

HWD - Heavy Wall Driplines

/ FlexNet™ Connectors Kits

Note: All the products are supplied as a kit including the seal and metal band

Product Picture	Product Description	Catalog Number	FlexNet™	FlexNet HP™
Coupling Connector				
	FXN COUPLING 2" X 2" KIT	43040-018000	✓	✓
	FXN COUPLING 3" X 3" KIT	43040-018150	✓	✓
	FXN COUPLING 4" X 4" KIT	43040-018300	✓	✓
	FXN COUPLING 5" X 5" KIT	43040-018305	✓	✗
	FXN COUPLING 6" X 6" KIT	43040-031600	✓	✗
	FXN COUPLING 8" X 8" KIT	43040-031700	✓	✗
	FXN COUPLING 10" X 10" KIT	43040-031800	✓	✗
	FXN HP COUPLING 5" X 5" KIT 4 CLAMP	43040-100703	✓	✓
	FXN HP COUPLING 6" X 6" KIT 4 CLAMP	43040-100600	✓	✓
	FXN HP COUPLING 8" X 8" KIT 4 CLAMP	43040-100700	✓	✓
Coupling Connector With Ready Made Port*				
	FXN COUPLING 2"+½" FTH BSP KIT	43040-030600	✓	✓
	FXN COUPLING 3"+½" FTH BSP KIT	43040-030700	✓	✓
	FXN COUPLING 4"+½" FTH BSP KIT	43040-030800	✓	✓
Line End Cap Conector				
	FXN LINE END CAP 2" KIT	43040-020710	✓	✓
	FXN LINE END CAP 3" KIT	43040-020720	✓	✓
	FXN LINE END CAP 4" KIT	43040-020730	✓	✓
	FXN LINE END CAP 6" KIT	43040-000400	✓	✗
	FXN LINE END CAP 8" KIT	43040-000401	✓	✗
	FXN LINE END CAP 10" KIT	43040-000402	✓	✗
	FXN LINE END CAP 12" KIT	43040-000403	✓	✗
Barb x MTH BSP Adaptor				
	FXN MTH 2"BSP X 2" KIT	43040-018050	✓	✓
	FXN MTH 3"BSP X 3" KIT	43040-018200	✓	✓
	FXN MTH 4"BSP X 4" KIT	43040-018350	✓	✓
Barb x MTH NPT Adaptor				
	FXN MTH 2"NPT X 2" KIT	43040-018205	✓	✓
	FXN MTH 3"NPT X 3" KIT	43040-018210	✓	✓
	FXN MTH 4"NPT X 4" KIT	43040-018380	✓	✓
Barb x MTH BSP Adaptor With Ready Made Port				
	FXN MTH 2"BSP X 2"+½" FTH BSP KIT	43040-030900	✓	✓
	FXN MTH 3"BSP X 3"+½" FTH BSP KIT	43040-031000	✓	✓
	FXN MTH 4"BSP X 4"+½" FTH BSP KIT	43040-031100	✓	✓

*½" threaded outlet



Product Picture	Product Description	Catalog Number	FlexNet™	FlexNet HP™
Barb x PVC SW Adaptor				
	FXN SW ADAPTER ISO 50/63 X 2" KIT	43040-018100	✓	✓
	FXN SW ADAPTER ISO 75/90 X 3" KIT	43040-018250	✓	✓
	FXN SW ADAPTER ISO 110" X 4" KIT	43040-018400	✓	✓
	FXN SW ADAPTER ASTM 1½/2" X 2" KIT	43040-018605	✓	✓
	FXN SW ADAPTER ASTM 2½/3" X 3" KIT	43040-018610	✓	✓
	FXN SW ADAPTER ASTM 4" X 4" KIT	43040-018381	✓	✓
	FXN SW ADAPTER ISO 125MM X 5" KIT	43040-018306	✓	✗
	FXN SW ADAPTER ISO 160MM X 6" KIT	43040-032000	✓	✗
	FXN SW ADAPTER ISO 200MM X 8" KIT	43040-032100	✓	✗
	FXN SW ADAPTER ISO 250MM X 10" KIT	43040-032200	✓	✗
	FXN SW ADAPTER ISO 315MM X 12" KIT	43040-032300	✓	✗
	FXN SW ADAPTER ASTM 6" KIT	43040-032400	✓	✗
	FXN SW ADAPTER ASTM 8" KIT	43040-032500	✓	✗
	FXN SW ADAPTER ASTM 10" KIT		✓	✗
	FXN SW ADAPTER ASTM 12" KIT	43040-032700	✓	✗
	FXN HP SW ISO 129MM X 5" KIT 2 CLAMP	43040-100704	✓	✓
	FXN HP SW ISO 160MM X 6" KIT 2 CLAMP	43040-100601	✓	✓
	FXN HP SW ISO 200MM X 8" KIT 2 CLAMP	43040-100701	✓	✓
	FXN HP SW ASTM 6" X 6" KIT 2 CLAMP	43040-100602	✓	✓
	FXN HP SW ASTM 8" X 8" KIT 2 CLAMP	43040-100702	✓	✓
Barb x PVC SW ISO Adaptor With Ready Made Port				
	FXN SW ADAPTER ISO 50/63 X 2"+½" FTH KIT	43040-031200	✓	✓
	FXN MTH 3"BSP X 3"+½" FTH BSP KIT	43040-031300	✓	✓
	FXN SW ADAPTER ISO 110" X 4"+½" FTH KIT	43040-031400	✓	✓
Elbow Connector				
	FXN ELBOW 2" X 2" KIT	43040-018900	✓	✓
	FXN ELBOW 3" X 3" KIT	43040-019000	✓	✓
	FXN ELBOW 4" X 4" KIT	43040-019100	✓	✓
	FXN ELBOW 6" X 6" KIT	43040-000410	✓	✗
	FXN ELBOW 8" X 8" KIT	43040-000411	✓	✗
	FXN ELBOW 10" X 10" KIT	43040-000412	✓	✗
	FXN ELBOW 12" X 12" KIT	43040-000413	✓	✗
"T" Connector				
	FXN TEE 2" X 2" X 2" KIT	43040-019500	✓	✓
	FXN TEE 3" X 3" X 3" KIT	43040-019600	✓	✓
	FXN TEE 4" X 4" X 4" KIT	43040-019700	✓	✓
	FXN TEE 6" X 6" X 6" KIT	43040-000420	✓	✓
	FXN TEE 8" X 8" X 8" KIT	43040-000421	✓	✗
	FXN TEE 10" X 10" X 10" KIT	43040-000422	✓	✗
	FXN TEE 12" X 12" X 12" KIT	43040-000423	✓	✗
"T" Transition Connector				
	FXN TEE 3" X 2" X 3" KIT	43040-020100	✓	✓
	FXN TEE 4" X 3" X 4" KIT	43040-020200	✓	✓

/ FlexNet™ Connectors Kits (continued)



Note: All the products are supplied as a kit including the seal and metal band

Product Picture	Product Description	Catalog Number	FlexNet™	FlexNet HP™
Transition Connector				
	FXN REDUCING ADAPTER 3" X 2" KIT	43040-020300	✓	✓
	FXN REDUCING ADAPTER 4" X 3" KIT	43040-020400	✓	✓
	FXN REDUCING ADAPTER 6" X 4" KIT	43040-031608	✓	✗
	FXN REDUCING ADAPTER 8" X 6" KIT	43040-000430	✓	✗
	FXN REDUCING ADAPTER 10" X 8" KIT	43040-000431	✓	✗
	FXN REDUCING ADAPTER 10" X 12" KIT	43040-000435	✓	✗
Flange-Barb				
	FXN FLANGE ISO63 X 2" KIT	43040-030000	✓	✓
	FXN FLANGE ISO90 X 3" KIT	43040-030100	✓	✓
	FXN FLANGE ISO110 X 4" KIT	43040-030200	✓	✓
	FXN FLANGE ISO160 X 6" KIT	43040-000300	✓	✗
	FXN FLANGE ISO200 X 8" KIT	43040-000301	✓	✗
	FXN FLANGE ISO260 X 10" KIT	43040-000302	✓	✗
	FXN FLANGE ISO260 X 10" KIT	43040-000303	✓	✗
Flushing Line End				
	FXN FLUSH VALVE X 2" KIT	43040-030300	✓	✓
	FXN FLUSH VALVE X 3" KIT	43040-030400	✓	✓
	FXN FLUSH VALVE X 4" KIT	43040-030500	✓	✓
	FXN FLUSH VALVE X 6" KIT	43040-030501	✗	✓
	FXN FLUSH VALVE X 8" KIT	43040-030502	✗	✓
	FXN FLUSH VALVE X 10" KIT	43040-030503	✗	✓
	FXN FLUSH VALVE X 12" KIT	43040-030504	✗	✓

/ FlexNet™ Connectors Threading Tools

Product Picture	Product Description	Catalog Number	FlexNet™	FlexNet HP™
	½" BSP HAND TAP (THREAD)	45000-003185	✓	✓
	FLAT WOOD DRILL BIT 18MM FOR BSP ½" TAP	45000-003162	✓	✓










/ FlexNet™ Spare Parts

Product Picture	Product Description	Catalog Number	FlexNet™	FlexNet HP™
	FXN SS304 CLAMP 2"	43040-100000	✓	✓
	FXN SS304 CLAMP 3"	43040-100010	✓	✓
	FXN SS304 CLAMP 4"	43040-100020	✓	✓
	FXN SS304 CLAMP 5"	43040-018309		
	FXN SS304 CLAMP 6"	43040-100030	✓	✓
	FXN SS304 CLAMP 8"	43040-100040	✓	✓
	FXN SS304 CLAMP 10"	43040-100050	✓	✓
	FXN SS304 CLAMP 12"	43040-100060	✓	✓
	FXN ORING SEAL EPDM 40*4.538 FOR 2"	43040-006200	✓	✓
	FXN ORING SEAL EPDM 60X4.5 FOR 3"	43040-006230	✓	✓
	FXN ORING SEAL EPDM 80X4.5 FOR 4"	43040-006260	✓	✓
	FXN RUBBER SEAL F/BARB CONN. 6"	43020-010000	✓	✓
	FXN RUBBER SEAL F/BARB CONN. 8"	43020-010050	✓	✓
	FXN RUBBER SEAL F/BARB CONN.10"	43020-010100	✓	✓
	FXN RUBBER SEAL F/BARB CONN.12"	43020-010150	✓	✓

/ Laying And Retrieving Machine

Product Picture	Product Description	Catalog Number
Hydraulic Machine		
	LAYING & RECOILING MACHINE FOR FLEXNET 2"-4"	
Manual Machine		
	MANUAL RETRIEVAL MACHINE FOR FLEXNET 2"-4"	77200-001131
Electrical Machine		
	ELECTRICAL RETRIEVAL MACHINE FOR FLEXNET 2"-4"	77200-000065

/ FlexNet™ Accessories For Sprinklers System

Product Picture	Product Description	Catalog Number
	FEMALE PRESS FIT CONN. + 1.2 METER 9*12 TUBE + BARB/MALE F&S CONNECTION These 3 products are supplied assembled, and as separate products in the same box: flat female ½" male threaded s&f conn. + stake adapter that fits a 6mm rod	64020-006150
	IMP SPR STAND 9X12 120CM W/OSTK F&S FLX	64520-004910
	SPR STAND QUICK CONN MALE/BARB 12+"O" RING	65080-005060
	SPR STAND FTN F&S CONN FEMALE/ ½" MTH	65080-005210
	SPR STAND F&S CONN LOCKING SLEEVE 12	65080-005090
	MEGA-BASE	64520-002480
	MEGA-SUPPORTING ARM	64520-002485
	MEGA-RISER ½" 0.4 METER LENGTH ½" MALE THREADED - ½" FEMALE THREADED	64520-002490
	METAL ROD, 6 MM DIAMETER, 100 CM LENGTH	65080-001100
	METAL ROD, 6 MM DIAMETER, 120 CM LENGTH	65080-001200
	METAL ROD, 8 MM DIAMETER, 100 CM LENGTH	65080-001600
	METAL ROD, 8 MM DIAMETER, 120 CM LENGTH	65080-001700

* For more information please see Netafim™ Micro Sprinklers, Micro Emitters & Sprinklers catalogue

/ NetaStand™ Catalog Numbers

Product Picture	Product Description	Catalog Number
	BASE NETASTAND FTH 1/2"-24/CAR: BASE FOR 1/2" RISER Order by box: 1 box contain 24 units	60101-000900
	BASE NETASTAND FTH 3/4"-24/CAR: BASE FOR 3/4" RISER Order by box: 1 box contain 24 units	60101-000901
	MEGA-RISER 1/2" - 0.4 M LENGTH - 1/2" MTH - 1/2" FTH	64520-004910
	PLASTIC RISER 3/4" M-F TH 40CM COMPLETE	65080-005060
	NETASTD 9M FXN HPPP 2" W/ 2"CONC 120 SETS/PALLET	60101-000964
	NETASTD 10M FXN HPPP 2" W/2"CONC 120 SETS/PALLET	60101-000965
	NETASTD 12M FXN HPPP 2" W/2"CONC 120 SETS/PALLET	60101-000966
	NETASTD 15M FXN HPPP 3" W/3"CONC 70 SETS/PALLET	60101-000967
	NETASTD 9M FXN HPPP 2" W/ 2"CONC 4 SETS/BOX	60101-000960
	NETASTD 10M FXN HPPP 2" W/ 2"CONC 4 SETS/BOX	60101-000961
	NETASTD 12M FXN HPPP 2" W/ 2"CONC 4 SETS/BOX	60101-000962
	NETASTD 15M FXN HPPP 3" W/ 3"CONC 4 SETS/BOX	60101-000963