

FLANGE ADAPTOR

Universal Flange Adaptor

REF **EFC-318** ISSUED 05 Jun 2026

SPECIFICATIONS

End connection	flanged
Media	water, wastewater

APPROVALS & CERTIFICATIONS

- LR (Lloyd's Register)
- ECM
- ISO
- EAC
- CE
- Bureau Veritas
- ACS (Attestation de Conformité Sanitaire)
- WRAS Approved Product

COATINGS & LINING

- FBE (Fusion Bonded Epoxy)
- Rilsan Nylon

APPLICATIONS

- Municipal waterworks
- Wastewater treatment plants
- Irrigation systems
- Industrial pipelines
- Water supply systems
- Engineering projects



Pipe	Range	Flange	Boat	No.	A	D	H	Weight	Pipe to B
Nom			L		mm	mm	mm	kg	Di ST PVC AC Ci GPP
Dn40	48-60	PN1016	M12X130	2	150	150	80	2.8	★ ▲ ○
Dn50	59-72	PN1016	M12X130	2	198	198	80	3.0	★ ▲ ○
Dn65	72-85	PN1016	M12X130	2	174	190	80	3.9	★ ▲ ○
Dn80	88-103	PN1016	M12X130	4	185	200	80	4.8	★ ▲ ○
Dn100	96-116	PN1016	M12X130	4	205	220	80	5.0	★ ▲ ○
Dn100	108-120	PN1016	M12X130	4	210	220	80	5.3	★ ▲ ○
Dn100	105-125	PN1016	M12X130	4	210	220	80	5.3	★ ▲ ○
Dn100	109-128	PN1016	M12X130	4	218	220	80	5.5	★ ▲ ○
Dn125	132-146	PN1016	M12X140	4	240	250	80	6.5	★ ▲ ○
Dn125	138-153	PN1016	M12X140	4	248	250	80	6.6	★ ▲ ○
Dn150	158-172	PN1016	M12X140	4	275	285	80	7.5	★ ▲ ○
Dn150	155-175	PN1016	M12X140	4	275	285	80	7.5	★ ▲ ○
Dn150	159-182	PN1016	M12X140	4	280	285	80	7.6	★ ▲ ○
Dn175	182-210	PN1016	M12X140	4	312	340	80	11.0	★ ▲ ○
Dn200	192-210	PN1016	M12X140	4	312	340	80	11.2	★ ▲ ○
Dn200	198-225	PN1016	M12X140	4	330	340	80	12.0	★ ▲ ○
Dn200	218-235	PN1016	M12X140	4	328	340	80	10.6	★ ▲ ○
Dn250	242-262	PN1016	M12X140	6	360	400	85	14.0	★ ▲ ○
Dn250	250-267	PN1016	M12X140	6	368	400	85	14.5	★ ▲ ○
Dn250	250-274	PN1016	M12X150	6	370	400	85	14.8	★ ▲ ○
Dn250	272-289	PN1016	M12X150	6	382	400	85	14.9	★ ▲ ○
Dn300	315-332	PN1016	M12X150	6	430	455	85	17.9	★ ▲ ○
Dn300	322-339	PN1016	M12X150	6	438	455	85	17.0	★ ▲ ○
Dn300	340-360	PN16	M12X170	6	455	455	85	35.0	★ ▲ ○
Dn300	340-360	PN1016	M14X190	8	455	520	115	28.0	★ ▲ ○
Dn300	351-378	PN1016	M14X170	8	510	520	108	28.0	★ ▲ ○
Dn350	374-391	PN1016	M14X180	8	520	520	108	30.4	★ ▲ ○
Dn400	390-410	PN1016	M14X150	8	530	550	108	33.5	★ ▲ ○
Dn400	398-430	PN1016	M14X210	8	560	580	108	34.0	★ ▲ ○
Dn400	417-437	PN1016	M14X180	8	555	580	108	35.0	★ ▲ ○
Dn400	425-442	PN1016	M14X180	8	560	580	108	34.1	★ ▲ ○
Dn400	450-463	PN16	M14X180	8	565	590	108	40.0	★ ▲ ○
Dn450	455-475	PN1016	M14X180	10	600	640	108	32.0	★ ▲ ○
Dn450	476-500	PN1016	M14X180	10	620	640	108	34.0	★ ▲ ○
Dn450	500-508	PN1016	M14X180	10	620	715	114	40.5	★ ▲ ○
Dn500	500-533	PN1016	M14X210	10	660	715	124	50.0	★ ▲ ○
Dn500	526-546	PN1016	M14X180	10	663	715	114	49.0	★ ▲ ○
Dn600	600-630	PN1016	M14X180	10	725	840	114	60.0	★ ▲ ○
Dn600	608-626	PN1016	M14X200	10	740	840	120	78.2	★ ▲ ○
Dn600	630-650	PN1016	M14X180	10	742	840	118	69.8	★ ▲ ○
Dn700	710-739	PN1016	M16X180	12	875	910	114	72.0	★ ▲ ○
Dn800	816-842	PN1016	M16X230	12	986	1025	128	100	★ ▲ ○

MATERIALS

end ring	Ductile Iron	bolt and nut	Steel
gasket	Elastomer	coating	Epoxy Coating, Nylon Coating

FEATURES

- Wide tolerance range accommodating pipes of varying outer diameters
- Compatible with ductile iron, steel, PVC, PE, and GRP pipes
- No special machining or welding required
- Gasket-sealing system for leak-free operation
- High-strength bolts
- Suitable for fluctuating pressure and temperature conditions
- Corrosion-resistant coating
- Coupling accepts pipes of various materials: DI (ductile iron), ST (steel), PVC, AC (asbestos cement), CI (cast iron), GRP (glass reinforced plastic)
- Flanged coupling with through-bolts (parts labelled 1–4 in sectional diagram)
- Dimensions A (overall length), D (flange OD), H (body height/depth), L (overall height) defined in dimensional drawing
- Bolt counts range from 2 (DN40–DN65) up to 12 (DN700–DN800)
- Pressure rating PN10/16 across most sizes; selected DN300 and DN400 variants rated PN16 only

OPTIONS & NOTES

- Dimensions table referenced in HTML but no tabular data was present

FLANGE ADAPTOR

Universal Flange Adaptor

SECTION Technical drawing REF EFC-318

