



# STANDARDSMARK LICENCE

SAI Global hereby grants:

## AVK Australia Holding Pty Ltd

ABN 11 081 236 777

63 Currumbin Creek Road, Currumbin, QLD 4223, Australia

And

559A Grand Junction Road, Wingfield, SA 5013, Australia

### StandardsMark Licence

Manufactured to:

**AS/NZS 2280:2014 - Ductile iron pipes and fittings**

"the StandardsMark Licensee" the right to use the STANDARDSMARK as shown below only in respect of the goods described and detailed in the Schedule which are produced by the Licensee or on behalf of the Licensee\* and which comply with the appropriate Standard referred to above as from time to time amended. The Licence is granted subject to the rules governing the use of the STANDARDSMARK and the Terms and Conditions for certification and licence. The Licensee covenants to comply with all the Rules and Terms and Conditions.

**Licence No: SMKP20172**

**Issued :** 28 August 2018

**Expires :** 18 September 2023

**Originally Certified :** 19 September 2003

**Current Certification :** 24 October 2018

Kevin Goodwin  
General Manager Technical Services  
SAI Global Assurance



Australian  
Standard

JAS-ANZ



[WWW.JAS-ANZ.ORG/REGISTER](http://WWW.JAS-ANZ.ORG/REGISTER)

\* For details of manufacture, refer to the licensee

The STANDARDSMARK is a registered certification trademark of SAI Global Pty Limited (A.C.N. 050 644 642) and is issued under licence by SAI Global Certification Services Pty Limited (ACN 108 716 669) ("SAI Global") 680 George Street, Sydney NSW 2000, GPO Box 5420 Sydney NSW 2001. This certificate remains the property of SAI Global and must be returned to SAI Global upon its request. Refer to [www.saiglobal.com](http://www.saiglobal.com), for the list of product models.

 **SAI GLOBAL**  
INFORM. INSPIRE. IMPROVE.

# SCHEDULE TO STANDARDSMARK LICENCE

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559A Grand Junction Road, Wingfield, SA 5013, Australia

StandardsMark Licence

Manufactured to:

**AS/NZS 2280:2014 - Ductile iron pipes and fittings**

Model identification of the goods on which the STANDARDSMARK may be used:

Nominal Size (DN)	DN Offtake / Angle / Length	Model Identification	Nominal Pressure (PN)	Joint Designation	Product Type	Product Description	Coating / Lining	Appendix H Ref	Date Endorsed
100		0412/1-080	PN35	SOCKET	CAP	SOCKET CAP	POLYMERIC	H5	27 Mar 2018
100		0412/1-078	PN16	SOCKET - SOCKET	PRETAP CONNECTOR	SOCKET - SOCKET PRETAP CONNECTOR	POLYMERIC	H4	27 Mar 2018
100	100	0412/1-570	PN16	SPIGOT - SPIGOT - FLANGE	HYDRANT TEE	SPIGOT - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H13	27 Mar 2018
100	100	0412/1-179	PN16 OR PN35	SOCKET - SPIGOT - FLANGE	HYDRANT TEE	SOCKET - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H9	27 Mar 2018
100	100	0412/1-209	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
100	100	0412/1-479	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
100	100	0412/1-256	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
100	100	0412/1-099	PN16	FLANGE	HYDRANT RISER	FLANGE HYDRANT RISER	POLYMERIC	H7	27 Mar 2018
100	100	0412/1-590	PN16	SPIGOT - SPIGOT - SPIGOT	TEE	SPIGOT - SPIGOT - SPIGOT TEE	POLYMERIC	H13	27 Mar 2018
100	100	0412/1-316	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
100	11	0412/1-528	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
100	11.25°	0412/1-366	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018

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100	11.25°	0412/1-004	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H2	27 Mar 2018
100	110	0412/1-045	PN16 OR PN35	FLANGE - SOCKET	CONNECTOR	FLANGE - SOCKET CONNECTOR	POLYMERIC	H4	27 Mar 2018
100	15	0412/1-067	PN35	SOCKET - SOCKET	CONNECTOR	SOCKET - SOCKET CONNECTOR	POLYMERIC	H4	27 Mar 2018
100	150	0412/1-100	PN16	FLANGE	HYDRANT RISER	FLANGE HYDRANT RISER	POLYMERIC	H7	27 Mar 2018
100	205	0412/1-056	PN16	FLANGE - SPIGOT	CONNECTOR	FLANGE - SPIGOT CONNECTOR	POLYMERIC	H4	27 Mar 2018
100	22	0412/1-527	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
100	22.5°	0412/1-365	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
100	22.5°	0412/1-003	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H2	27 Mar 2018
100	225	0412/1-101	PN16	FLANGE	HYDRANT RISER	FLANGE HYDRANT RISER	POLYMERIC	H7	27 Mar 2018
100	300	0412/1-102	PN16	FLANGE	HYDRANT RISER	FLANGE HYDRANT RISER	POLYMERIC	H7	27 Mar 2018
100	375	0412/1-103	PN16	FLANGE	HYDRANT RISER	FLANGE HYDRANT RISER	POLYMERIC	H7	27 Mar 2018
100	45	0412/1-526	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
100	45°	0412/1-002	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H2	27 Mar 2018
100	45°	0412/1-364	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
100	450	0412/1-104	PN16	FLANGE	HYDRANT RISER	FLANGE HYDRANT RISER	POLYMERIC	H7	27 Mar 2018
100	525	0412/1-105	PN16	FLANGE	HYDRANT RISER	FLANGE HYDRANT RISER	POLYMERIC	H7	27 Mar 2018
100	600	0412/1-106	PN16	FLANGE	HYDRANT RISER	FLANGE HYDRANT RISER	POLYMERIC	H7	27 Mar 2018
100	80	0412/1-569	PN16	SPIGOT - SPIGOT - FLANGE	HYDRANT TEE	SPIGOT - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H13	27 Mar 2018
100	80	0412/1-255	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
100	80	0412/1-178	PN16 OR PN35	SOCKET - SPIGOT - FLANGE	HYDRANT TEE	SOCKET - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H9	27 Mar 2018
100	80	0412/1-107	PN35	SOCKET - SOCKET	TAPER	SOCKET - SOCKET TAPER	POLYMERIC	H8	27 Mar 2018
100	80	0412/1-142	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018
100	80	0412/1-443	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
100	80	0412/1-407	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
100	80	0412/1-533	PN16	SPIGOT - FLANGE	TAPER	SPIGOT - FLANGE TAPER	POLYMERIC		27 Mar 2018

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Nominal Size (DN)	DN Offtake / Angle / Length	Model Identification	Nominal Pressure (PN)	Joint Designation	Product Type	Product Description	Coating / Lining	Appendix H Ref	Date Endorsed
100	90	0412/1-525	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
100	90°	0412/1-363	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
100	90°	0412/1-001	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H2	27 Mar 2018
150		0412/1-079	PN16	SOCKET - SOCKET	PRETAP CONNECTOR	SOCKET - SOCKET PRETAP CONNECTOR	POLYMERIC	H4	27 Mar 2018
150		0412/1-081	PN35	SOCKET	CAP	SOCKET CAP	POLYMERIC	H5	27 Mar 2018
150	100	0412/1-258	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
150	100	0412/1-409	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
150	100	0412/1-591	PN16	SPIGOT - SPIGOT - SPIGOT	TEE	SPIGOT - SPIGOT - SPIGOT TEE	POLYMERIC	H13	27 Mar 2018
150	100	0412/1-480	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
150	100	0412/1-445	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
150	100	0412/1-108	PN35	SOCKET - SOCKET	TAPER	SOCKET - SOCKET TAPER	POLYMERIC	H8	27 Mar 2018
150	100	0412/1-181	PN16 OR PN35	SOCKET - SPIGOT - FLANGE	HYDRANT TEE	SOCKET - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H9	27 Mar 2018
150	100	0412/1-144	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018
150	100	0412/1-535	PN16	SPIGOT - FLANGE	TAPER	SPIGOT - FLANGE TAPER	POLYMERIC		27 Mar 2018
150	100	0412/1-210	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
150	100	0412/1-572	PN16	SPIGOT - SPIGOT - FLANGE	HYDRANT TEE	SPIGOT - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H13	27 Mar 2018
150	100	0412/1-317	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
150	11	0412/1-532	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
150	11.25°	0412/1-370	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
150	11.25°	0412/1-008	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H2	27 Mar 2018
150	135	0412/1-046	PN16 OR PN35	FLANGE - SOCKET	CONNECTOR	FLANGE - SOCKET CONNECTOR	POLYMERIC	H4	27 Mar 2018
150	15	0412/1-068	PN35	SOCKET - SOCKET	CONNECTOR	SOCKET - SOCKET CONNECTOR	POLYMERIC	H4	27 Mar 2018
150	150	0412/1-318	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018

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Nominal Size (DN)	DN Offtake / Angle / Length	Model Identification	Nominal Pressure (PN)	Joint Designation	Product Type	Product Description	Coating / Lining	Appendix H Ref	Date Endorsed
150	150	0412/1-259	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
150	150	0412/1-592	PN16	SPIGOT - SPIGOT - SPIGOT	TEE	SPIGOT - SPIGOT - SPIGOT TEE	POLYMERIC	H13	27 Mar 2018
150	150	0412/1-211	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
150	150	0412/1-481	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
150	205	0412/1-057	PN16	FLANGE - SPIGOT	CONNECTOR	FLANGE - SPIGOT CONNECTOR	POLYMERIC	H4	27 Mar 2018
150	22	0412/1-531	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
150	22.5°	0412/1-007	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H2	27 Mar 2018
150	22.5°	0412/1-369	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
150	45	0412/1-530	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
150	45°	0412/1-368	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
150	45°	0412/1-006	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H2	27 Mar 2018
150	80	0412/1-534	PN16	SPIGOT - FLANGE	TAPER	SPIGOT - FLANGE TAPER	POLYMERIC		27 Mar 2018
150	80	0412/1-571	PN16	SPIGOT - SPIGOT - FLANGE	HYDRANT TEE	SPIGOT - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H13	27 Mar 2018
150	80	0412/1-199	PN16 OR PN35	SOCKET - SOCKET - FLANGE	SCOUR TEE	SOCKET - SOCKET - FLANGE SCOUR TEE	POLYMERIC	H10	27 Mar 2018
150	80	0412/1-444	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
150	80	0412/1-257	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
150	80	0412/1-180	PN16 OR PN35	SOCKET - SPIGOT - FLANGE	HYDRANT TEE	SOCKET - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H9	27 Mar 2018
150	80	0412/1-143	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018
150	80	0412/1-408	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
150	90	0412/1-529	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
150	90°	0412/1-367	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
150	90°	0412/1-005	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H2	27 Mar 2018
200		0412/1-082	PN35	SOCKET	CAP	SOCKET CAP	POLYMERIC	H5	27 Mar 2018

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Nominal Size (DN)	DN Offtake / Angle / Length	Model Identification	Nominal Pressure (PN)	Joint Designation	Product Type	Product Description	Coating / Lining	Appendix H Ref	Date Endorsed
200	100	0412/1-574	PN16	SPIGOT - SPIGOT - FLANGE	HYDRANT TEE	SPIGOT - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H13	27 Mar 2018
200	100	0412/1-109	PN35	SOCKET - SOCKET	TAPER	SOCKET - SOCKET TAPER	POLYMERIC	H8	27 Mar 2018
200	100	0412/1-536	PN16	SPIGOT - FLANGE	TAPER	SPIGOT - FLANGE TAPER	POLYMERIC		27 Mar 2018
200	100	0412/1-410	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
200	100	0412/1-145	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018
200	100	0412/1-482	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
200	100	0412/1-183	PN16 OR PN35	SOCKET - SPIGOT - FLANGE	HYDRANT TEE	SOCKET - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H9	27 Mar 2018
200	100	0412/1-212	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
200	100	0412/1-319	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
200	100	0412/1-446	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
200	100	0412/1-261	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
200	11.25°	0412/1-012	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
200	11.25°	0412/1-374	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
200	135	0412/1-047	PN16 OR PN35	FLANGE - SOCKET	CONNECTOR	FLANGE - SOCKET CONNECTOR	POLYMERIC	H4	27 Mar 2018
200	15	0412/1-069	PN35	SOCKET - SOCKET	CONNECTOR	SOCKET - SOCKET CONNECTOR	POLYMERIC	H4	27 Mar 2018
200	150	0412/1-447	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
200	150	0412/1-483	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
200	150	0412/1-262	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
200	150	0412/1-320	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
200	150	0412/1-213	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
200	150	0412/1-110	PN35	SOCKET - SOCKET	TAPER	SOCKET - SOCKET TAPER	POLYMERIC	H8	27 Mar 2018
200	150	0412/1-146	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018

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200	150	0412/1-411	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
200	150	0412/1-537	PN16	SPIGOT - FLANGE	TAPER	SPIGOT - FLANGE TAPER	POLYMERIC		27 Mar 2018
200	200	0412/1-214	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
200	200	0412/1-263	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
200	200	0412/1-484	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
200	200	0412/1-321	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
200	22.5°	0412/1-373	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
200	22.5°	0412/1-011	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
200	230	0412/1-058	PN16	FLANGE - SPIGOT	CONNECTOR	FLANGE - SPIGOT CONNECTOR	POLYMERIC	H4	27 Mar 2018
200	45°	0412/1-010	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
200	45°	0412/1-372	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
200	80	0412/1-182	PN16 OR PN35	SOCKET - SPIGOT - FLANGE	HYDRANT TEE	SOCKET - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H9	27 Mar 2018
200	80	0412/1-260	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
200	80	0412/1-573	PN16	SPIGOT - SPIGOT - FLANGE	HYDRANT TEE	SPIGOT - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H13	27 Mar 2018
200	80	0412/1-200	PN16 OR PN35	SOCKET - SOCKET - FLANGE	SCOUR TEE	SOCKET - SOCKET - FLANGE SCOUR TEE	POLYMERIC	H10	27 Mar 2018
200	90°	0412/1-009	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
200	90°	0412/1-371	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
225		0412/1-083	PN35	SOCKET	CAP	SOCKET CAP	POLYMERIC	H5	27 Mar 2018
225	100	0412/1-147	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018
225	100	0412/1-448	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
225	100	0412/1-322	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
225	100	0412/1-576	PN16	SPIGOT - SPIGOT - FLANGE	HYDRANT TEE	SPIGOT - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H13	27 Mar 2018
225	100	0412/1-215	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018

**Licence No: SMKP20172**

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# SCHEDULE TO STANDARDSMARK LICENCE

Nominal Size (DN)	DN Offtake / Angle / Length	Model Identification	Nominal Pressure (PN)	Joint Designation	Product Type	Product Description	Coating / Lining	Appendix H Ref	Date Endorsed
225	100	0412/1-538	PN16	SPIGOT - FLANGE	TAPER	SPIGOT - FLANGE TAPER	POLYMERIC		27 Mar 2018
225	100	0412/1-201	PN16 OR PN35	SOCKET - SOCKET - FLANGE	SCOUR TEE	SOCKET - SOCKET - FLANGE SCOUR TEE	POLYMERIC	H10	27 Mar 2018
225	100	0412/1-412	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
225	100	0412/1-265	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
225	100	0412/1-185	PN16 OR PN35	SOCKET - SPIGOT - FLANGE	HYDRANT TEE	SOCKET - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H9	27 Mar 2018
225	100	0412/1-485	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
225	100	0412/1-111	PN35	SOCKET - SOCKET	TAPER	SOCKET - SOCKET TAPER	POLYMERIC	H8	27 Mar 2018
225	11.25°	0412/1-016	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
225	11.25°	0412/1-378	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
225	15	0412/1-070	PN35	SOCKET - SOCKET	CONNECTOR	SOCKET - SOCKET CONNECTOR	POLYMERIC	H4	27 Mar 2018
225	150	0412/1-539	PN16	SPIGOT - FLANGE	TAPER	SPIGOT - FLANGE TAPER	POLYMERIC		27 Mar 2018
225	150	0412/1-148	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018
225	150	0412/1-216	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
225	150	0412/1-413	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
225	150	0412/1-266	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
225	150	0412/1-449	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
225	150	0412/1-112	PN35	SOCKET - SOCKET	TAPER	SOCKET - SOCKET TAPER	POLYMERIC	H8	27 Mar 2018
225	150	0412/1-486	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
225	150	0412/1-323	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
225	155	0412/1-048	PN16 OR PN35	FLANGE - SOCKET	CONNECTOR	FLANGE - SOCKET CONNECTOR	POLYMERIC	H4	27 Mar 2018
225	155	0412/1-059	PN16	FLANGE - SPIGOT	CONNECTOR	FLANGE - SPIGOT CONNECTOR	POLYMERIC	H4	27 Mar 2018
225	200	0412/1-450	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
225	200	0412/1-217	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018

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# SCHEDULE TO STANDARDSMARK LICENCE

Nominal Size (DN)	DN Offtake / Angle / Length	Model Identification	Nominal Pressure (PN)	Joint Designation	Product Type	Product Description	Coating / Lining	Appendix H Ref	Date Endorsed
225	200	0412/1-540	PN16	SPIGOT - FLANGE	TAPER	SPIGOT - FLANGE TAPER	POLYMERIC		27 Mar 2018
225	200	0412/1-487	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
225	200	0412/1-113	PN35	SOCKET - SOCKET	TAPER	SOCKET - SOCKET TAPER	POLYMERIC	H8	27 Mar 2018
225	200	0412/1-324	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
225	200	0412/1-149	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018
225	200	0412/1-414	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
225	200	0412/1-267	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
225	22.5°	0412/1-015	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
225	22.5°	0412/1-377	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
225	225	0412/1-325	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
225	225	0412/1-268	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
225	225	0412/1-218	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
225	225	0412/1-488	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
225	45°	0412/1-014	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
225	45°	0412/1-376	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
225	80	0412/1-184	PN16 OR PN35	SOCKET - SPIGOT - FLANGE	HYDRANT TEE	SOCKET - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H9	27 Mar 2018
225	80	0412/1-264	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
225	80	0412/1-575	PN16	SPIGOT - SPIGOT - FLANGE	HYDRANT TEE	SPIGOT - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H13	27 Mar 2018
225	90°	0412/1-013	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
225	90°	0412/1-375	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
250		0412/1-084	PN35	SOCKET	CAP	SOCKET CAP	POLYMERIC	H5	27 Mar 2018
250	100	0412/1-415	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
250	100	0412/1-326	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018

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Nominal Size (DN)	DN Offtake / Angle / Length	Model Identification	Nominal Pressure (PN)	Joint Designation	Product Type	Product Description	Coating / Lining	Appendix H Ref	Date Endorsed
250	100	0412/1-187	PN16 OR PN35	SOCKET - SPIGOT - FLANGE	HYDRANT TEE	SOCKET - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H9	27 Mar 2018
250	100	0412/1-219	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
250	100	0412/1-202	PN16 OR PN35	SOCKET - SOCKET - FLANGE	SCOUR TEE	SOCKET - SOCKET - FLANGE SCOUR TEE	POLYMERIC	H10	27 Mar 2018
250	100	0412/1-270	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
250	100	0412/1-489	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
250	100	0412/1-114	PN35	SOCKET - SOCKET	TAPER	SOCKET - SOCKET TAPER	POLYMERIC	H8	27 Mar 2018
250	100	0412/1-578	PN16	SPIGOT - SPIGOT - FLANGE	HYDRANT TEE	SPIGOT - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H13	27 Mar 2018
250	100	0412/1-451	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
250	100	0412/1-541	PN16	SPIGOT - FLANGE	TAPER	SPIGOT - FLANGE TAPER	POLYMERIC		27 Mar 2018
250	100	0412/1-150	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018
250	11.25°	0412/1-020	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
250	11.25°	0412/1-382	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
250	15	0412/1-071	PN35	SOCKET - SOCKET	CONNECTOR	SOCKET - SOCKET CONNECTOR	POLYMERIC	H4	27 Mar 2018
250	150	0412/1-327	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
250	150	0412/1-151	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018
250	150	0412/1-416	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
250	150	0412/1-271	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
250	150	0412/1-542	PN16	SPIGOT - FLANGE	TAPER	SPIGOT - FLANGE TAPER	POLYMERIC		27 Mar 2018
250	150	0412/1-115	PN35	SOCKET - SOCKET	TAPER	SOCKET - SOCKET TAPER	POLYMERIC	H8	27 Mar 2018
250	150	0412/1-220	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
250	150	0412/1-490	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
250	150	0412/1-452	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
250	155	0412/1-049	PN16 OR PN35	FLANGE - SOCKET	CONNECTOR	FLANGE - SOCKET CONNECTOR	POLYMERIC	H4	27 Mar 2018

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Nominal Size (DN)	DN Offtake / Angle / Length	Model Identification	Nominal Pressure (PN)	Joint Designation	Product Type	Product Description	Coating / Lining	Appendix H Ref	Date Endorsed
250	155	0412/1-060	PN16	FLANGE - SPIGOT	CONNECTOR	FLANGE - SPIGOT CONNECTOR	POLYMERIC	H4	27 Mar 2018
250	200	0412/1-417	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
250	200	0412/1-543	PN16	SPIGOT - FLANGE	TAPER	SPIGOT - FLANGE TAPER	POLYMERIC		27 Mar 2018
250	200	0412/1-328	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
250	200	0412/1-272	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
250	200	0412/1-453	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
250	200	0412/1-116	PN35	SOCKET - SOCKET	TAPER	SOCKET - SOCKET TAPER	POLYMERIC	H8	27 Mar 2018
250	200	0412/1-221	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
250	200	0412/1-491	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
250	200	0412/1-152	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018
250	22.5°	0412/1-381	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
250	22.5°	0412/1-019	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
250	225	0412/1-492	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
250	225	0412/1-222	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
250	225	0412/1-117	PN35	SOCKET - SOCKET	TAPER	SOCKET - SOCKET TAPER	POLYMERIC	H8	27 Mar 2018
250	225	0412/1-153	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018
250	225	0412/1-329	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
250	225	0412/1-454	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
250	225	0412/1-418	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
250	225	0412/1-273	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
250	225	0412/1-544	PN16	SPIGOT - FLANGE	TAPER	SPIGOT - FLANGE TAPER	POLYMERIC		27 Mar 2018
250	250	0412/1-493	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018

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250	250	0412/1-223	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
250	250	0412/1-330	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
250	250	0412/1-274	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
250	45°	0412/1-018	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
250	45°	0412/1-380	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
250	80	0412/1-577	PN16	SPIGOT - SPIGOT - FLANGE	HYDRANT TEE	SPIGOT - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H13	27 Mar 2018
250	80	0412/1-269	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
250	80	0412/1-186	PN16 OR PN35	SOCKET - SPIGOT - FLANGE	HYDRANT TEE	SOCKET - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H9	27 Mar 2018
250	90°	0412/1-379	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
250	90°	0412/1-017	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
300		0412/1-085	PN35	SOCKET	CAP	SOCKET CAP	POLYMERIC	H5	27 Mar 2018
300	100	0412/1-580	PN16	SPIGOT - SPIGOT - FLANGE	HYDRANT TEE	SPIGOT - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H13	27 Mar 2018
300	100	0412/1-203	PN16 OR PN35	SOCKET - SOCKET - FLANGE	SCOUR TEE	SOCKET - SOCKET - FLANGE SCOUR TEE	POLYMERIC	H10	27 Mar 2018
300	100	0412/1-494	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
300	100	0412/1-419	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
300	100	0412/1-276	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
300	100	0412/1-455	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
300	100	0412/1-224	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
300	100	0412/1-154	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018
300	100	0412/1-331	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
300	100	0412/1-189	PN16 OR PN35	SOCKET - SPIGOT - FLANGE	HYDRANT TEE	SOCKET - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H9	27 Mar 2018
300	100	0412/1-118	PN35	SOCKET - SOCKET	TAPER	SOCKET - SOCKET TAPER	POLYMERIC	H8	27 Mar 2018

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300	11.25°	0412/1-386	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
300	11.25°	0412/1-024	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
300	15	0412/1-072	PN35	SOCKET - SOCKET	CONNECTOR	SOCKET - SOCKET CONNECTOR	POLYMERIC	H4	27 Mar 2018
300	150	0412/1-119	PN35	SOCKET - SOCKET	TAPER	SOCKET - SOCKET TAPER	POLYMERIC	H8	27 Mar 2018
300	150	0412/1-332	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
300	150	0412/1-456	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
300	150	0412/1-225	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
300	150	0412/1-277	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
300	150	0412/1-495	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
300	150	0412/1-546	PN16	SPIGOT - FLANGE	TAPER	SPIGOT - FLANGE TAPER	POLYMERIC		27 Mar 2018
300	150	0412/1-420	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
300	150	0412/1-155	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018
300	170	0412/1-050	PN16 OR PN35	FLANGE - SOCKET	CONNECTOR	FLANGE - SOCKET CONNECTOR	POLYMERIC	H4	27 Mar 2018
300	170	0412/1-061	PN16	FLANGE - SPIGOT	CONNECTOR	FLANGE - SPIGOT CONNECTOR	POLYMERIC	H4	27 Mar 2018
300	200	0412/1-457	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
300	200	0412/1-333	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
300	200	0412/1-156	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018
300	200	0412/1-547	PN16	SPIGOT - FLANGE	TAPER	SPIGOT - FLANGE TAPER	POLYMERIC		27 Mar 2018
300	200	0412/1-226	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
300	200	0412/1-496	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
300	200	0412/1-120	PN35	SOCKET - SOCKET	TAPER	SOCKET - SOCKET TAPER	POLYMERIC	H8	27 Mar 2018
300	200	0412/1-421	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
300	200	0412/1-278	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018

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# SCHEDULE TO STANDARDSMARK LICENCE

Nominal Size (DN)	DN Offtake / Angle / Length	Model Identification	Nominal Pressure (PN)	Joint Designation	Product Type	Product Description	Coating / Lining	Appendix H Ref	Date Endorsed
300	22.5°	0412/1-023	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
300	22.5°	0412/1-385	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
300	225	0412/1-279	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
300	225	0412/1-458	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
300	225	0412/1-157	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018
300	225	0412/1-335	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
300	225	0412/1-227	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
300	225	0412/1-121	PN35	SOCKET - SOCKET	TAPER	SOCKET - SOCKET TAPER	POLYMERIC	H8	27 Mar 2018
300	225	0412/1-422	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
300	225	0412/1-548	PN16	SPIGOT - FLANGE	TAPER	SPIGOT - FLANGE TAPER	POLYMERIC		27 Mar 2018
300	225	0412/1-497	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
300	250	0412/1-122	PN35	SOCKET - SOCKET	TAPER	SOCKET - SOCKET TAPER	POLYMERIC	H8	27 Mar 2018
300	250	0412/1-459	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
300	250	0412/1-549	PN16	SPIGOT - FLANGE	TAPER	SPIGOT - FLANGE TAPER	POLYMERIC		27 Mar 2018
300	250	0412/1-158	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018
300	250	0412/1-334	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
300	250	0412/1-423	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
300	250	0412/1-280	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
300	250	0412/1-228	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
300	250	0412/1-498	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
300	300	0412/1-229	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
300	300	0412/1-499	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018

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300	300	0412/1-281	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
300	300	0412/1-336	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
300	45°	0412/1-384	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
300	45°	0412/1-022	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
300	80	0412/1-188	PN16 OR PN35	SOCKET - SPIGOT - FLANGE	HYDRANT TEE	SOCKET - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H9	27 Mar 2018
300	80	0412/1-579	PN16	SPIGOT - SPIGOT - FLANGE	HYDRANT TEE	SPIGOT - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H13	27 Mar 2018
300	80	0412/1-275	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
300	90°	0412/1-383	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
300	90°	0412/1-021	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
375		0412/1-086	PN35	SOCKET	CAP	SOCKET CAP	POLYMERIC	H5	27 Mar 2018
375	100	0412/1-191	PN16	SOCKET - SPIGOT - FLANGE	HYDRANT TEE	SOCKET - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H9	27 Mar 2018
375	100	0412/1-582	PN16	SPIGOT - SPIGOT - FLANGE	HYDRANT TEE	SPIGOT - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H13	27 Mar 2018
375	100	0412/1-283	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
375	11.25°	0412/1-390	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
375	11.25°	0412/1-028	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
375	15	0412/1-073	PN35	SOCKET - SOCKET	CONNECTOR	SOCKET - SOCKET CONNECTOR	POLYMERIC	H4	27 Mar 2018
375	150	0412/1-204	PN16 OR PN35	SOCKET - SOCKET - FLANGE	SCOUR TEE	SOCKET - SOCKET - FLANGE SCOUR TEE	POLYMERIC	H10	27 Mar 2018
375	190	0412/1-051	PN16 OR PN35	FLANGE - SOCKET	CONNECTOR	FLANGE - SOCKET CONNECTOR	POLYMERIC	H4	27 Mar 2018
375	190	0412/1-062	PN16 OR PN35	FLANGE - SPIGOT	CONNECTOR	FLANGE - SPIGOT CONNECTOR	POLYMERIC	H4	27 Mar 2018
375	200	0412/1-230	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
375	200	0412/1-159	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018
375	200	0412/1-424	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
375	200	0412/1-123	PN35	SOCKET - SOCKET	TAPER	SOCKET - SOCKET TAPER	POLYMERIC	H8	27 Mar 2018
375	200	0412/1-550	PN16	SPIGOT - FLANGE	TAPER	SPIGOT - FLANGE TAPER	POLYMERIC		27 Mar 2018

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Nominal Size (DN)	DN Offtake / Angle / Length	Model Identification	Nominal Pressure (PN)	Joint Designation	Product Type	Product Description	Coating / Lining	Appendix H Ref	Date Endorsed
375	200	0412/1-460	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
375	200	0412/1-337	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
375	200	0412/1-500	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
375	200	0412/1-284	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
375	22.5°	0412/1-389	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
375	22.5°	0412/1-027	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
375	225	0412/1-338	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
375	225	0412/1-231	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
375	225	0412/1-124	PN35	SOCKET - SOCKET	TAPER	SOCKET - SOCKET TAPER	POLYMERIC	H8	27 Mar 2018
375	225	0412/1-285	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
375	225	0412/1-501	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
375	225	0412/1-551	PN16	SPIGOT - FLANGE	TAPER	SPIGOT - FLANGE TAPER	POLYMERIC		27 Mar 2018
375	225	0412/1-160	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018
375	225	0412/1-461	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
375	225	0412/1-425	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
375	250	0412/1-286	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
375	250	0412/1-339	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
375	250	0412/1-161	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018
375	250	0412/1-502	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
375	250	0412/1-426	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
375	250	0412/1-125	PN35	SOCKET - SOCKET	TAPER	SOCKET - SOCKET TAPER	POLYMERIC	H8	27 Mar 2018
375	250	0412/1-462	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018

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Nominal Size (DN)	DN Offtake / Angle / Length	Model Identification	Nominal Pressure (PN)	Joint Designation	Product Type	Product Description	Coating / Lining	Appendix H Ref	Date Endorsed
375	250	0412/1-232	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
375	250	0412/1-552	PN16	SPIGOT - FLANGE	TAPER	SPIGOT - FLANGE TAPER	POLYMERIC		27 Mar 2018
375	300	0412/1-233	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
375	300	0412/1-340	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
375	300	0412/1-126	PN35	SOCKET - SOCKET	TAPER	SOCKET - SOCKET TAPER	POLYMERIC	H8	27 Mar 2018
375	300	0412/1-427	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
375	300	0412/1-162	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018
375	300	0412/1-287	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
375	300	0412/1-463	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
375	300	0412/1-553	PN16	SPIGOT - FLANGE	TAPER	SPIGOT - FLANGE TAPER	POLYMERIC		27 Mar 2018
375	300	0412/1-503	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
375	375	0412/1-288	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
375	375	0412/1-234	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
375	375	0412/1-504	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
375	375	0412/1-341	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
375	45°	0412/1-388	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
375	45°	0412/1-026	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
375	80	0412/1-282	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
375	80	0412/1-581	PN16	SPIGOT - SPIGOT - FLANGE	HYDRANT TEE	SPIGOT - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H13	27 Mar 2018
375	80	0412/1-190	PN16	SOCKET - SPIGOT - FLANGE	HYDRANT TEE	SOCKET - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H9	27 Mar 2018
375	90°	0412/1-025	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
375	90°	0412/1-387	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
450		0412/1-087	PN35	SOCKET	CAP	SOCKET CAP	POLYMERIC	H5	27 Mar 2018

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450	100	0412/1-193	PN16	SOCKET - SPIGOT - FLANGE	HYDRANT TEE	SOCKET - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H9	27 Mar 2018
450	100	0412/1-584	PN16	SPIGOT - SPIGOT - FLANGE	HYDRANT TEE	SPIGOT - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H13	27 Mar 2018
450	100	0412/1-290	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
450	11.25°	0412/1-394	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
450	11.25°	0412/1-032	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
450	15	0412/1-074	PN35	SOCKET - SOCKET	CONNECTOR	SOCKET - SOCKET CONNECTOR	POLYMERIC	H4	27 Mar 2018
450	150	0412/1-205	PN16 OR PN35	SOCKET - SOCKET - FLANGE	SCOUR TEE	SOCKET - SOCKET - FLANGE SCOUR TEE	POLYMERIC	H10	27 Mar 2018
450	200	0412/1-063	PN16 OR PN35	FLANGE - SPIGOT	CONNECTOR	FLANGE - SPIGOT CONNECTOR	POLYMERIC	H4	27 Mar 2018
450	200	0412/1-052	PN16 OR PN35	FLANGE - SOCKET	CONNECTOR	FLANGE - SOCKET CONNECTOR	POLYMERIC	H4	27 Mar 2018
450	22.5°	0412/1-393	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
450	22.5°	0412/1-031	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
450	225	0412/1-342	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
450	250	0412/1-163	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018
450	250	0412/1-343	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
450	250	0412/1-505	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
450	250	0412/1-235	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
450	250	0412/1-554	PN16	SPIGOT - FLANGE	TAPER	SPIGOT - FLANGE TAPER	POLYMERIC		27 Mar 2018
450	250	0412/1-464	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
450	250	0412/1-127	PN35	SOCKET - SOCKET	TAPER	SOCKET - SOCKET TAPER	POLYMERIC	H8	27 Mar 2018
450	250	0412/1-291	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
450	250	0412/1-428	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
450	300	0412/1-164	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018
450	300	0412/1-555	PN16	SPIGOT - FLANGE	TAPER	SPIGOT - FLANGE TAPER	POLYMERIC		27 Mar 2018

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# SCHEDULE TO STANDARDSMARK LICENCE

Nominal Size (DN)	DN Offtake / Angle / Length	Model Identification	Nominal Pressure (PN)	Joint Designation	Product Type	Product Description	Coating / Lining	Appendix H Ref	Date Endorsed
450	300	0412/1-292	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
450	300	0412/1-506	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
450	300	0412/1-465	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
450	300	0412/1-236	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
450	300	0412/1-128	PN35	SOCKET - SOCKET	TAPER	SOCKET - SOCKET TAPER	POLYMERIC	H8	27 Mar 2018
450	300	0412/1-429	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
450	300	0412/1-344	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
450	375	0412/1-237	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
450	375	0412/1-430	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
450	375	0412/1-345	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
450	375	0412/1-165	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018
450	375	0412/1-466	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
450	375	0412/1-507	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
450	375	0412/1-129	PN35	SOCKET - SOCKET	TAPER	SOCKET - SOCKET TAPER	POLYMERIC	H8	27 Mar 2018
450	375	0412/1-556	PN16	SPIGOT - FLANGE	TAPER	SPIGOT - FLANGE TAPER	POLYMERIC		27 Mar 2018
450	45°	0412/1-392	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
450	45°	0412/1-030	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
450	450	0412/1-346	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
450	450	0412/1-294	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
450	450	0412/1-508	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
450	450	0412/1-238	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018

**Licence No:** SMKP20172

**Issued Date:** 28 August 2018

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Nominal Size (DN)	DN Offtake / Angle / Length	Model Identification	Nominal Pressure (PN)	Joint Designation	Product Type	Product Description	Coating / Lining	Appendix H Ref	Date Endorsed
450	80	0412/1-192	PN16	SOCKET - SPIGOT - FLANGE	HYDRANT TEE	SOCKET - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H9	27 Mar 2018
450	80	0412/1-289	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
450	80	0412/1-583	PN16	SPIGOT - SPIGOT - FLANGE	HYDRANT TEE	SPIGOT - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H13	27 Mar 2018
450	90°	0412/1-391	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
450	90°	0412/1-029	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
500		0412/1-088	PN35	SOCKET	CAP	SOCKET CAP	POLYMERIC	H5	27 Mar 2018
500	100	0412/1-586	PN16	SPIGOT - SPIGOT - FLANGE	HYDRANT TEE	SPIGOT - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H13	27 Mar 2018
500	100	0412/1-296	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
500	100	0412/1-195	PN16	SOCKET - SPIGOT - FLANGE	HYDRANT TEE	SOCKET - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H9	27 Mar 2018
500	11.25°	0412/1-036	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
500	11.25°	0412/1-398	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
500	15	0412/1-075	PN35	SOCKET - SOCKET	CONNECTOR	SOCKET - SOCKET CONNECTOR	POLYMERIC	H4	27 Mar 2018
500	150	0412/1-206	PN16 OR PN35	SOCKET - SOCKET - FLANGE	SCOUR TEE	SOCKET - SOCKET - FLANGE SCOUR TEE	POLYMERIC	H10	27 Mar 2018
500	215	0412/1-064	PN16 OR PN35	FLANGE - SPIGOT	CONNECTOR	FLANGE - SPIGOT CONNECTOR	POLYMERIC	H4	27 Mar 2018
500	215	0412/1-053	PN16 OR PN35	FLANGE - SOCKET	CONNECTOR	FLANGE - SOCKET CONNECTOR	POLYMERIC	H4	27 Mar 2018
500	22.5°	0412/1-035	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
500	22.5°	0412/1-397	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
500	250	0412/1-509	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
500	250	0412/1-166	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018
500	250	0412/1-347	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
500	250	0412/1-431	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
500	250	0412/1-297	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
500	250	0412/1-130	PN35	SOCKET - SOCKET	TAPER	SOCKET - SOCKET TAPER	POLYMERIC	H8	27 Mar 2018
500	250	0412/1-467	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018

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# SCHEDULE TO STANDARDSMARK LICENCE

Nominal Size (DN)	DN Offtake / Angle / Length	Model Identification	Nominal Pressure (PN)	Joint Designation	Product Type	Product Description	Coating / Lining	Appendix H Ref	Date Endorsed
500	250	0412/1-557	PN16	SPIGOT - FLANGE	TAPER	SPIGOT - FLANGE TAPER	POLYMERIC		27 Mar 2018
500	250	0412/1-239	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
500	300	0412/1-432	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
500	300	0412/1-468	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
500	300	0412/1-348	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
500	300	0412/1-167	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018
500	300	0412/1-298	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
500	300	0412/1-131	PN35	SOCKET - SOCKET	TAPER	SOCKET - SOCKET TAPER	POLYMERIC	H8	27 Mar 2018
500	300	0412/1-558	PN16	SPIGOT - FLANGE	TAPER	SPIGOT - FLANGE TAPER	POLYMERIC		27 Mar 2018
500	300	0412/1-510	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
500	300	0412/1-240	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
500	375	0412/1-511	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
500	375	0412/1-241	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
500	375	0412/1-349	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
500	375	0412/1-469	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
500	375	0412/1-299	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
500	375	0412/1-132	PN35	SOCKET - SOCKET	TAPER	SOCKET - SOCKET TAPER	POLYMERIC	H8	27 Mar 2018
500	375	0412/1-168	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018
500	375	0412/1-433	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
500	375	0412/1-559	PN16	SPIGOT - FLANGE	TAPER	SPIGOT - FLANGE TAPER	POLYMERIC		27 Mar 2018
500	45°	0412/1-034	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
500	45°	0412/1-396	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018

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Nominal Size (DN)	DN Offtake / Angle / Length	Model Identification	Nominal Pressure (PN)	Joint Designation	Product Type	Product Description	Coating / Lining	Appendix H Ref	Date Endorsed
500	450	0412/1-470	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
500	450	0412/1-300	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
500	450	0412/1-242	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
500	450	0412/1-560	PN16	SPIGOT - FLANGE	TAPER	SPIGOT - FLANGE TAPER	POLYMERIC		27 Mar 2018
500	450	0412/1-169	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018
500	450	0412/1-350	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
500	450	0412/1-434	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
500	450	0412/1-133	PN35	SOCKET - SOCKET	TAPER	SOCKET - SOCKET TAPER	POLYMERIC	H8	27 Mar 2018
500	450	0412/1-512	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
500	500	0412/1-513	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
500	500	0412/1-243	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
500	500	0412/1-301	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
500	500	0412/1-351	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
500	80	0412/1-295	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
500	80	0412/1-585	PN16	SPIGOT - SPIGOT - FLANGE	HYDRANT TEE	SPIGOT - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H13	27 Mar 2018
500	80	0412/1-194	PN16	SOCKET - SPIGOT - FLANGE	HYDRANT TEE	SOCKET - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H9	27 Mar 2018
500	90°	0412/1-033	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
500	90°	0412/1-395	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
600		0412/1-089	PN35	SOCKET	CAP	SOCKET CAP	POLYMERIC	H5	27 Mar 2018
600	100	0412/1-588	PN16	SPIGOT - SPIGOT - FLANGE	HYDRANT TEE	SPIGOT - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H13	27 Mar 2018
600	100	0412/1-197	PN16	SOCKET - SPIGOT - FLANGE	HYDRANT TEE	SOCKET - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H9	27 Mar 2018
600	100	0412/1-303	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018

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600	11.25°	0412/1-402	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
600	11.25°	0412/1-040	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
600	15	0412/1-076	PN35	SOCKET - SOCKET	CONNECTOR	SOCKET - SOCKET CONNECTOR	POLYMERIC	H4	27 Mar 2018
600	150	0412/1-207	PN16 OR PN35	SOCKET - SOCKET - FLANGE	SCOUR TEE	SOCKET - SOCKET - FLANGE SCOUR TEE	POLYMERIC	H10	27 Mar 2018
600	22.5°	0412/1-401	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
600	22.5°	0412/1-039	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
600	230	0412/1-054	PN16 OR PN35	FLANGE - SOCKET	CONNECTOR	FLANGE - SOCKET CONNECTOR	POLYMERIC	H4	27 Mar 2018
600	230	0412/1-065	PN16 OR PN35	FLANGE - SPIGOT	CONNECTOR	FLANGE - SPIGOT CONNECTOR	POLYMERIC	H4	27 Mar 2018
600	300	0412/1-134	PN35	SOCKET - SOCKET	TAPER	SOCKET - SOCKET TAPER	POLYMERIC	H8	27 Mar 2018
600	300	0412/1-304	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
600	300	0412/1-244	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
600	300	0412/1-561	PN16	SPIGOT - FLANGE	TAPER	SPIGOT - FLANGE TAPER	POLYMERIC		27 Mar 2018
600	300	0412/1-352	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
600	300	0412/1-435	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
600	300	0412/1-170	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018
600	300	0412/1-471	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
600	300	0412/1-514	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
600	375	0412/1-171	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018
600	375	0412/1-472	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
600	375	0412/1-245	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
600	375	0412/1-436	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
600	375	0412/1-135	PN35	SOCKET - SOCKET	TAPER	SOCKET - SOCKET TAPER	POLYMERIC	H8	27 Mar 2018
600	375	0412/1-515	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018

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600	375	0412/1-305	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
600	375	0412/1-562	PN16	SPIGOT - FLANGE	TAPER	SPIGOT - FLANGE TAPER	POLYMERIC		27 Mar 2018
600	375	0412/1-353	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
600	45°	0412/1-038	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
600	45°	0412/1-400	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
600	450	0412/1-516	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
600	450	0412/1-437	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
600	450	0412/1-354	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
600	450	0412/1-172	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018
600	450	0412/1-473	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
600	450	0412/1-136	PN35	SOCKET - SOCKET	TAPER	SOCKET - SOCKET TAPER	POLYMERIC	H8	27 Mar 2018
600	450	0412/1-563	PN16	SPIGOT - FLANGE	TAPER	SPIGOT - FLANGE TAPER	POLYMERIC		27 Mar 2018
600	450	0412/1-306	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
600	450	0412/1-246	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
600	500	0412/1-173	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018
600	500	0412/1-355	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
600	500	0412/1-474	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
600	500	0412/1-564	PN16	SPIGOT - FLANGE	TAPER	SPIGOT - FLANGE TAPER	POLYMERIC		27 Mar 2018
600	500	0412/1-247	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
600	500	0412/1-517	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
600	500	0412/1-307	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
600	500	0412/1-438	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018

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# SCHEDULE TO STANDARDSMARK LICENCE

Nominal Size (DN)	DN Offtake / Angle / Length	Model Identification	Nominal Pressure (PN)	Joint Designation	Product Type	Product Description	Coating / Lining	Appendix H Ref	Date Endorsed
600	500	0412/1-137	PN35	SOCKET - SOCKET	TAPER	SOCKET - SOCKET TAPER	POLYMERIC	H8	27 Mar 2018
600	600	0412/1-518	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
600	600	0412/1-248	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
600	600	0412/1-308	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
600	600	0412/1-356	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
600	80	0412/1-587	PN16	SPIGOT - SPIGOT - FLANGE	HYDRANT TEE	SPIGOT - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H13	27 Mar 2018
600	80	0412/1-196	PN16	SOCKET - SPIGOT - FLANGE	HYDRANT TEE	SOCKET - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H9	27 Mar 2018
600	80	0412/1-302	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
600	90°	0412/1-399	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
600	90°	0412/1-037	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
750		0412/1-090	PN35	SOCKET	CAP	SOCKET CAP	POLYMERIC	H5	27 Mar 2018
750	100	0412/1-589	PN16	SPIGOT - SPIGOT - FLANGE	HYDRANT TEE	SPIGOT - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H13	27 Mar 2018
750	100	0412/1-309	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
750	100	0412/1-198	PN16	SOCKET - SPIGOT - FLANGE	HYDRANT TEE	SOCKET - SPIGOT - FLANGE HYDRANT TEE	POLYMERIC	H9	27 Mar 2018
750	11.25°	0412/1-406	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
750	11.25°	0412/1-044	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
750	15	0412/1-077	PN35	SOCKET - SOCKET	CONNECTOR	SOCKET - SOCKET CONNECTOR	POLYMERIC	H4	27 Mar 2018
750	200	0412/1-208	PN16 OR PN35	SOCKET - SOCKET - FLANGE	SCOUR TEE	SOCKET - SOCKET - FLANGE SCOUR TEE	POLYMERIC	H10	27 Mar 2018
750	22.5°	0412/1-405	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
750	22.5°	0412/1-043	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
750	250	0412/1-066	PN16 OR PN35	FLANGE - SPIGOT	CONNECTOR	FLANGE - SPIGOT CONNECTOR	POLYMERIC	H4	27 Mar 2018
750	250	0412/1-055	PN16 OR PN35	FLANGE - SOCKET	CONNECTOR	FLANGE - SOCKET CONNECTOR	POLYMERIC	H4	27 Mar 2018
750	300	0412/1-519	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018

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# SCHEDULE TO STANDARDSMARK LICENCE

Nominal Size (DN)	DN Offtake / Angle / Length	Model Identification	Nominal Pressure (PN)	Joint Designation	Product Type	Product Description	Coating / Lining	Appendix H Ref	Date Endorsed
750	300	0412/1-357	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
750	300	0412/1-310	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
750	300	0412/1-249	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
750	375	0412/1-250	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
750	375	0412/1-138	PN35	SOCKET - SOCKET	TAPER	SOCKET - SOCKET TAPER	POLYMERIC	H8	27 Mar 2018
750	375	0412/1-520	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
750	375	0412/1-565	PN16	SPIGOT - FLANGE	TAPER	SPIGOT - FLANGE TAPER	POLYMERIC		27 Mar 2018
750	375	0412/1-358	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
750	375	0412/1-174	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018
750	375	0412/1-439	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
750	375	0412/1-311	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
750	375	0412/1-475	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
750	45°	0412/1-404	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
750	45°	0412/1-042	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
750	450	0412/1-359	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
750	450	0412/1-566	PN16	SPIGOT - FLANGE	TAPER	SPIGOT - FLANGE TAPER	POLYMERIC		27 Mar 2018
750	450	0412/1-312	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
750	450	0412/1-251	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
750	450	0412/1-521	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
750	450	0412/1-440	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
750	450	0412/1-476	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
750	450	0412/1-139	PN35	SOCKET - SOCKET	TAPER	SOCKET - SOCKET TAPER	POLYMERIC	H8	27 Mar 2018

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750	450	0412/1-175	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018
750	500	0412/1-567	PN16	SPIGOT - FLANGE	TAPER	SPIGOT - FLANGE TAPER	POLYMERIC		27 Mar 2018
750	500	0412/1-313	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
750	500	0412/1-360	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
750	500	0412/1-252	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
750	500	0412/1-477	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
750	500	0412/1-441	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
750	500	0412/1-140	PN35	SOCKET - SOCKET	TAPER	SOCKET - SOCKET TAPER	POLYMERIC	H8	27 Mar 2018
750	500	0412/1-176	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018
750	500	0412/1-522	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
750	600	0412/1-141	PN35	SOCKET - SOCKET	TAPER	SOCKET - SOCKET TAPER	POLYMERIC	H8	27 Mar 2018
750	600	0412/1-253	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018
750	600	0412/1-314	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
750	600	0412/1-442	PN16 OR PN35	FLANGE - FLANGE	CONCENTRIC TAPER	FLANGE - FLANGE CONCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
750	600	0412/1-177	PN16 OR PN35	SOCKET - FLANGE	TAPER	SOCKET - FLANGE TAPER	POLYMERIC	H8	27 Mar 2018
750	600	0412/1-523	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
750	600	0412/1-568	PN16	SPIGOT - FLANGE	TAPER	SPIGOT - FLANGE TAPER	POLYMERIC		27 Mar 2018
750	600	0412/1-478	PN16 OR PN35	FLANGE - FLANGE	ECCENTRIC TAPER	FLANGE - FLANGE ECCENTRIC TAPER	POLYMERIC	H15	27 Mar 2018
750	600	0412/1-361	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
750	750	0412/1-315	PN16 OR PN35	SOCKET - SOCKET - FLANGE	TEE	SOCKET - SOCKET - FLANGE TEE	POLYMERIC	H12	27 Mar 2018
750	750	0412/1-362	PN16	SPIGOT - SPIGOT - FLANGE	TEE	SPIGOT - SPIGOT - FLANGE TEE	POLYMERIC	H13	27 Mar 2018
750	750	0412/1-254	PN35	SOCKET - SOCKET - SOCKET	TEE	SOCKET - SOCKET - SOCKET TEE	POLYMERIC	H11	27 Mar 2018

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750	750	0412/1-524	PN16 OR PN35	FLANGE - FLANGE - FLANGE	TEE	FLANGE - FLANGE - FLANGE TEE	POLYMERIC	H16	27 Mar 2018
750	90°	0412/1-041	PN35	SOCKET - SOCKET	BEND	SOCKET - SOCKET BEND	POLYMERIC	H3	27 Mar 2018
750	90°	0412/1-403	PN16 OR PN35	FLANGE - FLANGE	BEND	FLANGE - FLANGE BEND	POLYMERIC	H14	27 Mar 2018
80	100	0412/1-091	PN16	FLANGE	HYDRANT RISER	FLANGE HYDRANT RISER	POLYMERIC	H7	27 Mar 2018
80	150	0412/1-092	PN16	FLANGE	HYDRANT RISER	FLANGE HYDRANT RISER	POLYMERIC	H7	27 Mar 2018
80	225	0412/1-093	PN16	FLANGE	HYDRANT RISER	FLANGE HYDRANT RISER	POLYMERIC	H7	27 Mar 2018
80	300	0412/1-094	PN16	FLANGE	HYDRANT RISER	FLANGE HYDRANT RISER	POLYMERIC	H7	27 Mar 2018
80	375	0412/1-095	PN16	FLANGE	HYDRANT RISER	FLANGE HYDRANT RISER	POLYMERIC	H7	27 Mar 2018
80	450	0412/1-096	PN16	FLANGE	HYDRANT RISER	FLANGE HYDRANT RISER	POLYMERIC	H7	27 Mar 2018
80	525	0412/1-097	PN16	FLANGE	HYDRANT RISER	FLANGE HYDRANT RISER	POLYMERIC	H7	27 Mar 2018
80	600	0412/1-098	PN16	FLANGE	HYDRANT RISER	FLANGE HYDRANT RISER	POLYMERIC	H7	27 Mar 2018

**End of Record**

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