



FLOWCOLOUR

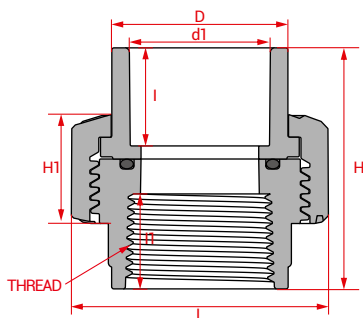
FEMALE THREAD UNION

Thread Specification
Pressure-Stable



► SPECIFICATION

MATERIAL: UPVC
SIZE: DN15~DN50、1/2"~2"
STANDARD: DIN、ANSI SCH40
CONNECTION: THREAD+SOCKET



Unit: mm

NOMINAL SIZE	d1		THREAD		STRUCTURE SIZE						PRESSURE
DN	DIN	ANSI	PT	NPT	D	I	I1	L	H	H1	PN
DN15	20	21.34	1/2"	1/2"	27	16.5	17.2	44.5	43.8	20.6	16
DN20	25	26.67	3/4"	3/4"	33	19	19.5	51	50	22.9	16
DN25	32	33.4	1"	1"	40.4	22.5	21.8	59	55.3	25	16
DN32	40	42.16	1-1/4"	1-1/4"	49.5	26.5	24	73	65	28.9	16
DN40	50	48.26	1-1/2"	1-1/2"	58.7	31.5	24	85	76.5	32.5	16
DN50	63	60.33	2"	2"	74.6	38	29	104	95	37	16

UNIQUE THREAD DESIGN.

- We designed a new thread based on the metric thread, compatible with producing and using PVC materials. It retains the tensile strength and anti-loosening advantages of the metric thread's inverted triangle shape while providing the smooth screwing of conventional threads.

STANDARD THREAD SPECIFICATIONS

- The internal threaded end follows PT / NPT standard threads, conforming to the specifications. The thread surface is smooth, ensuring a tight connection. The production process uses standard thread gauges for control, providing precise dimensions.

EASY INSTALLATION WITH WIDENED DESIGN

- The specially widened hexagonal section allows for easy screwing using various tools, making installation more convenient.

PRESSURE STABILITY, COMPLIANT WITH INDUSTRIAL-GRADE STANDARDS

- The product strictly adheres to the specifications of GB/T4219.2 for industrial plastic piping systems, using high-quality Vinyl raw materials with a Vicat Value >74, meeting the 16 kg pressure standard.

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