Crafted for efficiency,
designed for longevity.

Adaptor Couplings (RAC)

Efficiently manage varying pipe sizes with YTM Pipes Adaptor Couplings, engineered to seamlessly bridge gaps between pipes with considerable differences in outside diameters.



Constructed from high-grade elastomeric rubber with dual stainless steel tension bands, our Adaptor Couplings provide a fast and robust sealing solution.

Key Features:

- **Easy Installation:** Quickly installs and seals effectively when tightened to the recommended torque.
- **Versatility:** Accommodates large differences in pipe diameter and compatible with any pipe material, ideal for repairs and connections.
- **Compliance:** For WIS-4-41-01 standards, use YTM Pipe Standard Coupling with a bush.

RAC Adaptor Couplings:
Features an extra-wide tension band for a secure connection between clay and structured plastic pipes, ensuring durability and reliability in diverse applications.



EN 681-1 EN 295-4 WIS 4-41-01

Product Specifications	
Product Reference	RAC
Size Range	35-420mm
Material	EPDM Rubber
Steel	1.4301 (304) Stainless Steel /1.4401 (316)
Tightening Torque	6Nm (35 - 290mm) /10 Nm (310-385mm) /13Nm (390mm upwards)
Pressure Rating	0.6 bar /8.7 psi
Jetting Resistance	120 bar
Constant Working Temperature Range	-10° to 60°
Standards	EN681-1, EN295-4, MPA, VA, WSSA AS/NZS 4237

Applications:

- **Connecting Diverse Pipe Sizes:** Ideal for linking pipes with significantly different outside diameters.
- **Lateral Connections:** Facilitates the connection of laterals to unadopted sewers.
- **Prefabricated Structures:** Streamlines pipe connections to prefabricated elements like manholes, inspection chambers, and septic tanks.
- **Material Versatility:** Enables secure connections between clay pipes and structured, twin wall, or ribbed plastic pipes.

Benefits:

- **High-Quality Construction:** Made from high-grade materials for superior performance and durability.
- **Robust Mechanism:** Features heavy-duty worm drives for enhanced strength and reliability.
- **Cost Efficiency:** Offers a low-cost option for joining pipes or repairing damaged sections effectively.
- **Pressure Resistance:** Capable of withstanding internal pressures up to 0.6 bar. For pressures above this, consult our technical department.

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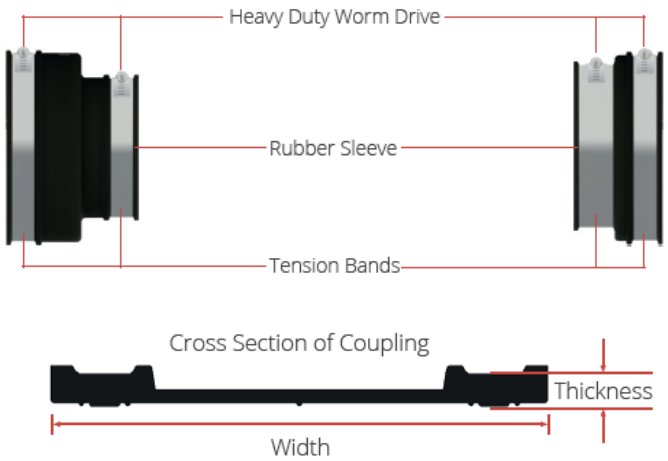
Product Range

Reference	Range (Pipe O/D) From (mm)	Range (Pipe O/D) To (mm)	Width (mm)	Thickness (mm)
RAC0752	75-89	53-63	90	7.3
RAC1001	100-115	40-50	100	7.3
RAC1002	100-115	50-64	100	7.3
RAC1003	100-115	75-90	95	7.3
RAC1201	105-120	35-45	100	7.3
RAC1221	110-122	80-95	100	7.3
RAC1225	110-122	48-56	120	7.3
RAC5144	110-125	100-115	100	8.5
RAC1226	110-122	60-68	120	7.3
RAC1361	121-136	80-95	120	7.3
RAC1362	121-136	100-115	100	9
RAC4000	121-136	110-121	102	7.3
RAC1452	130-145	110-125	120	8.5
RAC1501	135-152	100-115	120	7.3
RAC1552	140-155	90-105	120	7.3
RAC1602	144-160	110-122	120	8.5
RAC1603	144-160	121-136	120	7.3
RAC1701	153-168	100-115	150	7.3
RAC1702	155-170	110-125	120	7.3
RAC1703	155-170	130-145	120	7.3
RAC1801	160-180	100-115	150	7.3
RAC1922	170-192	110-122	120	8.5
RAC1923	170-192	121-136	120	7.3

Reference	Range (Pipe O/D) From (mm)	Range (Pipe O/D) To (mm)	Width (mm)	Thickness (mm)
RAC2804	255-280	155-175	150	7.8
RAC2652	260-285	240-265	150	7.8
RAC9001	265-285	180-205	150	7.8
RAC2904	265-290	144-160	150	7.8
RAC2906	265-290	190-215	150	7.8
RAC2907	265-290	210-235	150	7.8
RAC2908	265-290	235-260	150	7.8
RAC2956 O/S	270-295	185-210	150	7.8
RAC3003 O/S	275-300	180-200	150	7.8
RAC3204	295-320	144-160	150	9.3
RAC3205	295-320	170-192	150	9.3
RAC3207	295-320	210-235	150	9.3
RAC3208	295-320	240-265	150	9.3
RAC3209	295-320	265-290	165	9.3
RAC3351 O/S	310-335	180-205	150	9.3
RAC3608	335-360	240-265	165	9.3
RAC3609	335-360	265-290	165	9.3
RAC3600	335-360	295-320	165	9.3
RAC3858	360-385	240-265	165	9.3
RAC3859	360-385	265-290	165	9.3
RAC3850	360-385	300-325	165	9.3
RAC4208	395-420	240-265	165	9.3
RAC4209	395-420	265-290	165	9.3

Reference	Range (Pipe O/D) From (mm)	Range (Pipe O/D) To (mm)	Width (mm)	Thickness (mm)
RAC1924	170-192	144-160	120	9
RAC2000	180-200	130-145	150	7.3
RAC2001	180-200	155-170	150	7.3
RAC6000	180-200	160-180	150	8.5
RAC2100 O/S	185-210	100-115	145.5	8.67
RAC2102	185-210	110-125	150	7.8
RAC2105	185-210	144-160	151	8.67
RAC2101	185-210	160-180	150	7.8
RAC2152 O/S	195-215	100-115	150	7.3
RAC2154	190-215	150-165	150	7.8
RAC2203	195-220	155-170	150	7.8
RAC2254	200-225	160-175	150	7.8
RAC2352	210-235	110-122	150	-
RAC2353	210-235	121-136	150	7.8
RAC2354	210-235	144-160	150	7.8
RAC2355	210-235	170-192	150	7.8
RAC2356	210-235	190-215	150	7.8
RAC2654	240-265	144-160	150	7.8
RAC2655	240-265	170-192	150	7.8
RAC2656	240-265	190-215	150	7.8
RAC2657	240-265	210-235	150	7.8
RAC2754	250-275	160-175	150	7.8
RAC2756	250-275	200-225	150	7.8

Reference	Range (Pipe O/D) From (mm)	Range (Pipe O/D) To (mm)	Width (mm)	Thickness (mm)
RAC1500	170-192	160-170	100	7.3
RAC2250	260-285	240-250	130	7.8
RAC3000	360-385	325-335	165	9.3



Material Options and Specifications for YTM Pipe:

- **Flexible Couplings**: YTM Pipe Flexible Couplings are available in various materials designed to withstand applications exposed to higher temperatures or chemicals.
- **Heavy Duty Tension and Shear Bands**: For environments subject to high corrosion, contaminated grounds, or marine conditions, specifying grade 1.4401 (316) stainless steel is advised. This material choice negates the need for protective tape due to its excellent corrosion resistance.

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