

ADVANTAGES THAT SETS US APART



Ease of installation
Fusion welded joining provides leak-free joints.



UV Resistance
As Black coloured HDPE pipe contains 2 to 2.5% carbon black, it can be safely stored for some time outside in the sun without being damaged from U.V exposure.



Excellent Flexibility
The flexibility of HDPE pipe allows it to adapt to the contour of the land as well as to directional changes.



Recyclable
HDPE is safe for recycling and environmental friendly.



Good weather resistance
Excellent performance in aggressive climatic conditions having superior and low temperature resistance with antimicrobial properties.



Light in weight
It is lighter than mild steel, stainless steel, concrete & cast iron.



Chemical and corrosion resistance
HDPE pipes are corrosion resistant, do not rust, rot, or corrode.



Resistance to ground movement and loads
HDPE has low notch sensitivity, high tear strength & excellent scratch & abrasion resistance. Its resistance to environmental stress cracking is outstanding.



Low friction coefficient & higher flow capacity
Smooth internal surface of Dura Flow HDPE Pipes offer excellent flow characteristics and minimum pressure losses.



Quality Control
In order to assure a high and consistent quality level, Dura Flow pipes undergo strict quality control at its every stage of realization.

PIPE SPECIFICATIONS

| OD (mm) | emin | emin | emin | emin | emin | emin | emin | emin | emin | emin | emin | emin | emin | |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| 20 | | | | | | | | | 2,0 | 2,3 | 2,3 | 2,7 | 3,0 | 3,4 |
| 25 | | | | | | | | 2,0 | 2,3 | 2,7 | 3,0 | 3,4 | 3,5 | 4,0 |
| 32 | | | | | | 2,0 | 2,3 | 2,4 | 3,0 | 3,4 | 3,6 | 4,1 | 4,4 | 5,0 |
| 40 | | | 2,0 | 2,3 | 2,4 | 2,8 | 3,0 | 3,4 | 3,7 | 4,2 | 4,5 | 5,1 | 5,5 | 6,2 |
| 50 | 2,0 | 2,3 | 2,4 | 2,8 | 3,0 | 3,4 | 3,7 | 4,6 | 5,2 | 5,6 | 6,3 | 6,9 | 7,7 | |
| 63 | 2,5 | 2,9 | 3,0 | 3,4 | 3,8 | 4,3 | 4,7 | 5,8 | 6,5 | 7,1 | 8,0 | 8,6 | 9,6 | |
| 75 | 2,9 | 3,3 | 3,6 | 4,1 | 4,5 | 5,1 | 5,6 | 6,8 | 7,6 | 8,4 | 9,4 | 10,3 | 11,5 | |
| 90 | 3,5 | 4,0 | 4,3 | 4,9 | 5,4 | 6,1 | 6,7 | 8,2 | 9,2 | 10,1 | 11,3 | 12,3 | 13,7 | |
| 110 | 4,2 | 4,8 | 5,3 | 6,0 | 6,6 | 7,4 | 8,1 | 10,0 | 11,1 | 12,3 | 13,7 | 15,1 | 16,8 | |
| 125 | 4,8 | 5,4 | 6,0 | 6,7 | 7,4 | 8,3 | 9,2 | 11,4 | 12,7 | 14,0 | 15,6 | 17,1 | 19,0 | |
| 140 | 5,4 | 6,1 | 6,7 | 7,5 | 8,3 | 9,3 | 10,3 | 12,7 | 14,1 | 15,7 | 17,4 | 19,2 | 21,3 | |
| 160 | 6,2 | 7,0 | 7,7 | 8,6 | 9,5 | 10,6 | 11,8 | 14,6 | 16,2 | 17,9 | 19,8 | 21,9 | 24,2 | |
| 180 | 6,9 | 7,7 | 8,6 | 9,6 | 10,7 | 11,9 | 13,3 | 16,4 | 18,2 | 20,1 | 22,3 | 24,6 | 27,2 | |
| 200 | 7,7 | 8,6 | 9,6 | 10,7 | 11,9 | 13,2 | 14,7 | 18,2 | 20,2 | 22,4 | 24,8 | 27,4 | 30,3 | |
| 225 | 8,6 | 9,6 | 10,8 | 12,0 | 13,4 | 14,9 | 16,6 | 20,5 | 22,7 | 25,2 | 27,9 | 30,8 | 34,0 | |
| 250 | 9,6 | 10,7 | 11,9 | 13,2 | 14,8 | 16,4 | 18,4 | 22,7 | 25,1 | 27,9 | 30,8 | 34,2 | 37,8 | |
| 280 | 10,7 | 11,9 | 13,4 | 14,9 | 16,6 | 18,4 | 20,6 | 25,4 | 28,1 | 31,3 | 34,6 | 38,3 | 42,3 | |
| 315 | 12,1 | 13,5 | 15,0 | 16,6 | 18,7 | 20,7 | 23,2 | 28,6 | 31,6 | 35,2 | 38,9 | 43,1 | 47,6 | |
| 355 | 13,6 | 15,1 | 16,9 | 18,7 | 21,1 | 23,4 | 26,1 | 32,2 | 35,6 | 39,7 | 43,8 | 48,5 | 53,5 | |
| 400 | 15,3 | 17,0 | 19,1 | 21,2 | 23,7 | 26,2 | 29,4 | 36,3 | 40,1 | 44,7 | 49,3 | 54,7 | 60,3 | |
| 450 | 17,2 | 19,1 | 21,5 | 23,8 | 26,4 | 29,5 | 33,1 | 40,9 | 45,1 | 50,3 | 55,5 | 61,5 | 67,8 | |



PPRC Pipe & Fittings | UPVC Pipe & Fittings | Electric Conduit Pipe & Fittings | Water Tank | Garden Hose Pipe | Flush Tank
Road Safety Products | Garbage Containers | Textile Silver Can | Tractor Roofs | Poly Lights & Lamp Poles
HDPE & MDPE Pipes | Bathroom Accessories



Head Office : 17 km, Near Azam Chowk, Bank Stop, Kamahan Road, Ferozepur Road, Lahore.
UAN: 111-111-387 Ph: 042-35923015-119 Email: info@durafLOW.com.pk

Regional Office Lahore : Opp. Dura Flow Near Azam Chowk, Bank Stop, Kamahan Road, Ferozepur Road
Regional Offices Islamabad : Plot 309 & 324, Industrial Triangle, Model Town Humak

www.durafLOW.com.pk

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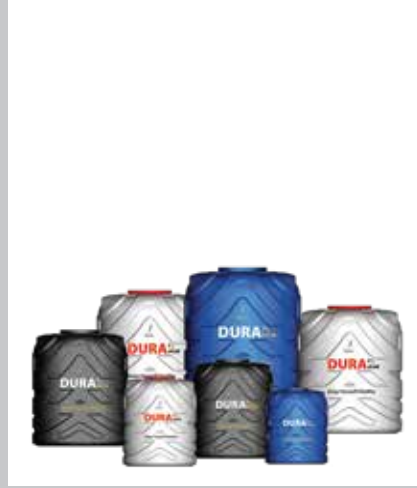
HDPE PIPES

A Product of Group



ABOUT DURA FLOW

Dura flow has created ripples in the field of plastic products. Established since 1992, with its headquarters nestled in the vibrant city of Lahore, "Duraflow Plastics PVT LTD" is a well reputed manufacturing concern producing comprehensive range of products from water storage tanks to PPRC/UPVC pipe & fittings, HDPE pipes to electric conduit pipes & fittings, and even garden hose pipe, road safety products garbage containers, flush tanks, and plastic pallets – Duraflow has it all



Water Tanks



Road Safety Barriers & Garbage Bins



PPRC Pipes & Fittings



UPVC PIPES & FITTINGS



Electric Conduit Pipe & Fittings



Garden Hose Pipes

HDPE PRODUCT RANGE

Discover the ultimate solution for all your piping needs with our groundbreaking HDPE pipes by Duraflow! We are delighted to offer our esteemed customers a range of top-notch pipes that will transform your projects. With sizes ranging from 20mm to an impressive 450mm, our HDPE pipes are the epitome of quality and durability.

| SIZE (MM) | MATERIAL CLASSIFICATION | WORKING PRESSURE | END CONNECTION |
|---------------|-------------------------|--------------------------------------|---------------------------------|
| 20mm to 450mm | PE80, PE100 | 2KG/CM2 to 20KG/CM2 SDR41 to SDR6 | Butt Welding, Electro Fusion |

Pipe



Size
20mm to 450mm
Length
6 meter & 12 meter

Coil



Size
20mm to 63mm
75mm to 110mm
Length
100 meter (max)
50 meter (max)

JOINTING TECHNIQUES

Dura Flow piping system can be jointed with various following techniques

- With most common butt fusion technique
- Using socket fitting Socket fusion technique
- Using Electrofusion fitting technique
- Using compression fittings
- Using stub-end fitting and metal flange



FIELDS OF APPLICATIONS

Our HDPE pipes are perfectly suited for various applications, catering to residential, industrial, energy, geothermal, water supply irrigation systems, telecom pipes, gas pipe distributions, and much more. Whatever your project demands, our HDPE pipes are the ideal choice.



Infrastructure Projects



Potable Water City Pipe Network



Sprinklers & Drip Irrigation



Cable Duct



Yellow MDPE for Gas Distribution



Industrial Application