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Product Datasheet

Heat-shrink Tubing



Product Specification

Product Description: Heat shrinkable, highly flexible, polyolefin tubing. Available in a range of colours and sizes. Store in unopened packs out of direct sunlight.

Operating Temperature Range: -55 to +135°C

Minimum shrink temperature: +90°C

Technical Specification

Property	Requirement	Test Method
Tensile Strength	10.3MPa (min.)	ASTM D638
Elongation	200% (min.)	ASTM D638
Longitudinal Change	0±5%	ASTM D2671
Specific Gravity	1.35 (max.)	ASTM D792
Heat Resistance	Elongation 100% (min.) after ASTM D638 168 hours at 175°C	ASTM D638
Heat Shock	No dripping, flowing or cracking after 4 hours at 250°C	MIL-I-23053
Low Temperature Flexibility	No cracking, during mandrel bend after 4hours at -55°C	MIL-I-23053
Flammability	Flame Retarded	UL 224 VW-1
Dielectric Strength	19.7KV/mm	ASTM D2671
Corrosion	Non-corrosive	MIL-I-23053

Dimensions



RS Article	Colour	Dimensions (mm)		
		As Supplied	After Recovery	Wall Thickness After Recovery
		D (I.D min)	d (I.D max)	W (nom)
399-489	Yellow	1.6	0.8	0.43
399-495	Yellow	2.4	1.2	0.51
399-502	Yellow	3.2	1.6	0.51
399-518	Yellow	4.8	2.4	0.51
399-524	Yellow	6.4	3.2	0.64
399-619	Yellow	9.5	4.8	0.64
399-625	Yellow	12.7	6.4	0.64
399-631	Yellow	19.0	9.5	0.76
399-647	Yellow	25.4	12.7	0.89
399-653	Yellow	38.1	19.1	1.02
399-669	Yellow	50.8	25.4	1.14
397-871	Blue	1.6	0.8	0.43
397-887	Blue	2.4	1.2	0.51
397-893	Blue	3.2	1.6	0.51
397-900	Blue	4.8	2.4	0.51
397-916	Blue	6.4	3.2	0.64
397-922	Blue	9.5	4.8	0.64
397-938	Blue	12.7	6.4	0.64
397-944	Blue	19.0	9.5	0.76
397-950	Blue	25.4	12.7	0.89
397-966	Blue	38.1	19.1	1.02
397-972	Blue	50.8	25.4	1.14

Dimensions cont.



RS Article	Colour	Dimensions (mm)		
		As Supplied	After Recovery	Wall Thickness After Recovery
		D (I.D min)	d (I.D max)	W (nom)
397-988	Red	1.6	0.8	0.43
397-994	Red	2.4	1.2	0.51
398-313	Red	3.2	1.6	0.51
398-307	Red	4.8	2.4	0.51
398-290	Red	6.4	3.2	0.64
398-284	Red	9.5	4.8	0.64
398-278	Red	12.7	6.4	0.64
398-262	Red	19.0	9.5	0.76
398-256	Red	25.4	12.7	0.89
398-240	Red	38.1	19.1	1.02
398-234	Red	50.8	25.4	1.14
398-228	Black	1.6	0.8	0.43
398-212	Black	2.4	1.2	0.51
398-206	Black	3.2	1.6	0.51
398-199	Black	4.8	2.4	0.51
398-183	Black	6.4	3.2	0.64
398-177	Black	9.5	4.8	0.64
398-161	Black	12.7	6.4	0.64
398-155	Black	19.0	9.5	0.76
398-149	Black	25.4	12.7	0.89
398-133	Black	38.1	19.1	1.02
398-127	Black	50.8	25.4	1.14

Dimensions cont.



RS Article	Colour	Dimensions (mm)		
		As Supplied	After Recovery	Wall Thickness After Recovery
		D (I.D min)	d (I.D max)	W (nom)
392-220	White	1.6	0.8	0.43
392-236	White	2.4	1.2	0.51
392-242	White	3.2	1.6	0.51
392-258	White	4.8	2.4	0.51
392-264	White	6.4	3.2	0.64
392-270	White	9.5	4.8	0.64
392-286	White	12.7	6.4	0.64
392-292	White	19.0	9.5	0.76
392-309	White	25.4	12.7	0.89
392-315	White	38.1	19.1	1.02
392-321	White	50.8	25.4	1.14